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MANUFACTURERS' SHIPMENTS, INVENTORIES, and ORDERS: 1947-1963 Revised

3-1/supp

Formerly Industry Survey





U. S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS



MANUFACTURERS' SHIPMENTS, INVENTORIES, and ORDERS: 1947-1963 Revised

Formerly Industry Survey

Prepared under the supervision of Maxwell R. Conklin, Chief Industry Division

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This major revision in the Manufacturers' Shipments, Inventories, and Orders series was prepared by Shirley Kallek, Chief of the Branch of the same name in the Industry Division, under the general planning and direction of Maxwell R. Conklin, Chief of the Industry Division. The revised series covers the period 1947-1943 and is the product of several years' efforts applied to expanding and refining the highly useful monthly Industry Survey conducted since 1939 by the Office of Business Economics of the Department of Commerce.

The revision project represents the fulfillment of program objectives of both the Census Bureau and the Office of Business Economics. It began explicitly with the transference of the processing of the Industry Survey to the Census Bureau in the spring of 1957. The Office of Statistical Standards of the Bureau of the Budget (Raymond Bowman, Assistant Director in charge of OSS) has provided support to the undertaking and its staff, particularly Carey P. Modlin and Raymond Nassimbene, have contributed materially to the solution of conceptual and definitional aspects of the survey. The Office of Business Economics has collaborated closely with the Census Bureau at every step in the revision process. Within the OBE (George Jaszi, Director, and Louis Paradiso, Associate Director), the responsibility was lodged in the Business Structures Division, Lawrence Bridge, Chief, and Irving Rottenberg, Assistant Chief. The latter two individuals made major contributions to the selection of the expanded industry categories as well as to the review of the seasonal factors, tabular data, and textual material. Clayton Gehman, of the Federal Reserve Board, is due special acknowledgment for his helpful participation in reviewing text, charts, and seasonals and in providing the basis for the market categories.

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CONTENTS

INTRODUCTION

Chapter		Page
I II III VIII VIII	Introduction and Summary of Changes. The Annual Survey of Manufactures as the New Benchmark Level Reporting Structure in the New Series Sample Design and Estimation Procedures Revised Industry Groupings Introduction of Market Categories Seasonal Adjustment Future Objectives.	1 3 8 9 14 16 17 20
	CHARTS	
Chart		
1 2	Comparison of Manufacturers' Shipments - New and Old Series - All Manufacturing Industries, Total, With Seasonal Adjustment, January 1953 - June 1963	22
3	Industries, Total, With Seasonal Adjustment, January 1953 - June 1963	24
4	Industries, Total, With Seasonal Adjustment, January 1953 - June 1963	25
5	facturing Industries, Total, With Seasonal Adjustment, January 1953 - June 1963 Comparison of Manufacturers' Inventories - New and Old Series - All Manufacturing	26
6	Industries, Total, With Seasonal Adjustment, January 1953 - June 1963 Comparison of Manufacturers' Inventories - New and Old Series - Durable Goods	27
7	Industries, Total, With Seasonal Adjustment, January 1953 - June 1963 Comparison of Manufacturers' Inventories - New and Old Series - Nondurable Goods Inventories, Total, With Seasonal Adjustment, January 1953 - June 1963	28
	STATISTICAL TABLES	
Table		
1	Manufacturers' Shipments, New Orders, and Unfilled Orders (New and Old Series):	30
2	1947-1962	31 32
3 4	Manufacturers' Shipments, by Industry Group: Months, 1947-1963	44
5	Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963	53
6 7	Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963 Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of	62
8	Month, 1953-1963	74
	Months, 1953-1963	96
	APPENDIXES	
Appendix		
Α	Monthly Industry Survey Report Form (M-3)	120
В	Composition of Monthly Industry Survey Categories in Terms of 1957 Standard Industrial Classification System	122
С	Conversion of 1945 Standard Industrial Classification System to Obtain Comparable Monthly Industry Survey Benchmark Level	126
D	Monthly Calendar Adjustment Factors for 5, 1/2, 1/2, Trading-Day Adjustment and Other Selected Trading-Day Adjustments, Monthly: 1953-1964	132
E	Seasonal Factors for Series Components: January-December 1963	133
F G	Average Percentage Changes and Related Measures for Series Components Effectiveness of Divisional Reporting Program in Monthly Industry Survey, Shown	140
ď	by Employment for Selected Industry Groups, as of May 1963	148



Chapter 1 - INTRODUCTION AND SUMMARY OF CHANGES

This publication with accompanying statistical data presents the results of an extensive modification of the monthly survey of "Manufacturers' Shipments, Inventories, and Orders" which will replace the existing series. The purposes of the revision are: expansion in the number of industry groups published; adjustment of shipments and inventory levels to the establishment benchmarks of the Annual Survey of Manufactures; revision of seasonal factors; introduction of "divisional" reports for large multiproduct companies; and introduction of market categories to provide a breakdown between final products and materials, and to distinguish further as to whether the products are durable or nondurable and whether they are sold for use by household consumers or businesses. This is the first major revision of the survey since 1948. Totals for all manufacturing, durable goods industries, and nondurable goods industries have been carried back to 1947 while measures for detailed industry and market categories are shown back to 1953.

The Office of Business Economics of the Department of Commerce first established the monthly Industry Survey in 1939 and thus pioneered in providing broadly based monthly measures of the relation of inventory changes and new and unfilled orders to current sales. This information is considered basic to providing guides for a better understanding of current business conditions and prospects, and for improving current estimates of national income. For the first few years of the survey, indexes were published showing monthly changes for sales, inventories, and new orders in the manufacturing sector as a whole and in major subdivisions of manufacturing. Weights for combining the various industry categories were obtained from the Census of Manufactures. In 1948-1949, the Office of Business Economics extensively modified the monthly Industry Survey and introduced a number of changes. Dollar aggregates rather than index numbers were shown, and publication of seasonally adjusted data was initiated. To provide such aggregates, the reporting panel of companies was substantially increased and the sales and inventories data were "benchmarked" to the "Statistics of Income" company figures of the Internal Revenue Service (IRS).

Over the years, a substantial body of time series was built up, and the monthly Industry Survey gained increased recognition among business analysts as an important addition to the list of strategic economic indicators. As the use of the series became more widespread, the users naturally wanted the data strengthened. Limitations of the survey in the light of present day needs and objectives were noted by the Budget Bureau's Business Advisory Council on Federal Reports and later described in considerable detail in the report by the Consultant Committee on Inventory Statistics organized by the Board of Governors of the Federal Reserve System. The major problem areas pertained to the inadequacy of the sample and the company-based reporting structure of the survey. These limitations led, in turn, to other problems such as the lack of sufficient

detail by industry and market groupings, the adjustment of data to company-based benchmarks, the fact that reports for companies with diverse activities did not fit well into homogeneous industry categories, and the inclusion of nommanufacturing activities.

In March 1957, the responsibility for collection and tabulation of the monthly Industry Survey was transferred to the Bureau of the Census, the Department's principal unit for large statistical projects of primary data collection, with the understanding that this agency would replace the existing survey with one based on a much larger sample and develop a new series which would meet other expressed needs of data users.

Until these objectives could be accomplished, the Bureau of the Census received and tabulated monthly reports from manufacturing companies and forwarded the results to the Office of Business Economics where the published estimates, including seasonal and working day adjustments, and the textual analysis were prepared. Simultaneously, detailed plans for the new survey were developed in conjunction with the Office of Business Economics, and the necessary groundwork of the interviews with hundreds of the larger respondent companies moved forward.

It was clear that the needed modifications in the monthly Industry Survey would make it a larger statistical project than before. A condition of the transfer also was to bring the survey into alinement with the organizational structure and industry classification systems of the Census of Manufactures, the Annual Survey of Manufactures, and other monthly production statistics of the Census Bureau and other government agencies. This would permit the prompt introduction each year of benchmarks derived from comparable economic categories and would make available the entire resources of the Bureau in terms of manufacturing universe, sample design, classification information, and electronic computer methods of compilation and seasonal adjustment. In addition, the Bureau's established liaison with larger industrial corporations facilitates the settlement of any problems that arise in connection with the various data collection programs of the Department. This is advantageous both to the statistical program and to the reporting companies.

The Bureau of the Census has now reached a stage in its comprehensive revision of the monthly Industry Survey on Manufacturers' Shipments, Inventories, and Orders, where the new series can be introduced, while a number of changes, primarily in the collection and processing phases of the program, had already been incorporated in the old series, certain major features of the revision are presented for the first time in the new series. The major changes in the series in recent years, including the present revisions, are summarized below and are treated in more detail in the following chapters.

¹Statistics of Business Inventories, Report of Consultant Committee on Inventory Statistics, organized by the Board of Governors of the Federal Reserve System at the Request of the Subcommittee on Economic Statistics of the Joint Committee on the Economic Report, November 1955.

IMPROVEMENT IN COVERAGE AND COLLECTION METHODS

Broadened Coverage

Coverage of the survey has been significantly improved, particularly with respect to large manufacturers. The number of firms with over 1,000 employees regularly reporting has been increased from 1,100 in August 1957 to 1,850 in August 1952 and the total number of all firms reporting regardless of size from 1,650 to 4,000.

Revision of Sample Design

The sample design has been revised as a probability sample drawn as a subsample of the Annual Survey of Manufactures. The panel so defined, therefore, is representative of the entire manufacturing universe, and given complete reporting, can yield estimates of measurable precision. It should be noted, however, that as yet the response rate for small companies is relatively poor and hence the month-to-month changes reflect primarily the behavior of larger concerns. This limitation does not apply to long term movements which are determined by the Annual Survey (see "Introduction of New Benchmark" below).

Refinement of Industry Reporting

The introduction of separate reports for major product lines by large diversified manufacturers in the new survey has resulted in "cleaner" industry segment figures which are more closely comparable to other establishment-based series published by the Bureau of the Census and other government agencies.

The new survey also reflects the monthly trends of manufacturing activities more closely since nonmanufacturing activities and operations of foreign subsidiaries have been largely excluded from both the monthly se ies and the annual benchmark level.

INTRODUCTION OF NEW BENCHMARK

Benchmark levels for the monthly Industry Survey, formerly based on the Statistics of Income, have been changed to the Annual Survey of Manufactures.

This revision from a company-oriented base to an establishment base was considered a necessary prerequisite to the publication of more detailed industry figures, more homogeneous categories, and the better aggregation into market categories.

GREATER DETAIL IN PUBLICATION CATEGORIES

Expansion of Industry Detail

The revised survey shows monthly series for 33 categories which are comparable with the data published in the Census Bureau's Annual Survey of Manufactures, compared with 18 categories in the old series. It is hoped that efforts being made will ultimately make it possible to publish approximately 55 industry categories.

Introduction of Market Categories

A supplementary regrouping of industry data into major market sectors covering consumer goods, equipment, and materials has been developed for the new series. Shipments, orders, defense, and inventory figures for each market grouping will be published monthly. Except for motor vehicles, comparisons can be made with the Federal Reserve Board market groupings.

OTHER IMPROVEMENTS

Early Release of Data

Since April 1958, an advance report on durable goods sales and orders has been issued approximately 2-1/2 weeks after the close of the month under survey. This is followed by a report covering all of manufacturing which is now issued approximately 30 days after the report period and includes data for 18 categories. Revised estimates for the previous month are also shown in the same report.

Revision of Historical Data

In order to facilitate the analysis of current and past trends, approximately comparable (see pages 14 and 15) data for industry groupings are presented beginning with 1935 and for summary measures beginning with 1947 in the appropriate statistical sections of this report.

²In forming these categories, industries are grouped to distinguish whether their products are durable or nondurable and whether they are sold to producers for further fabrication or, if finished, to consumers or producers.

Chapter II - THE ANNUAL SURVEY OF MANUFACTURES AS THE NEW BENCHMARK LEVEL

BENCHMARKING THE OLD SERIES

When the monthly Industry Survey of Manufacturers' Sales, Inventories, and Orders was first introduced in 1939, Census of Manufactures data were used for benchmark purposes. The Census of Manufactures was not conducted between 1939 and 1947, however, and annual surveys for intercensal periods were not available to permit periodic updating of the series. Since companies were already reporting monthly on a consolidated basis, the decision was made in the 1948 revision to benchmark the sales and total inventory estimates to annual corporate data published by the IRS in "Statistics of Income, Corporation Income Tax Returns, " and to IRS noncorporate data. The benchmark levels for these items were updated periodically, the last one reflecting 1954 annual totals. "Statistics of Income" did not provide inventory detail by stage of fabrication so that finished products, work in process, and materials inventories could not be related to benchmarks separately,

The use of "Statistics of Income" figures as benchmarks for the monthly Industry Survey imposed a number of restrictions upon the survey design. A major characteristic of the "Statistics of Income" series was that the company or combination of companies consolidated into a tax reporting unit constituted the reporting unit. This necessitated combining the data for an entire company into a single category based on the company's major activity. As a consequence, each category, included not only the primary activities nominally melonging" to it, but also any secondary and different activities of companies assigned to the category. Conversely, it did not include data for companies primarily engaged in another line of business but secondarily engaged in the activity covered by the category.

In addition, companies which were not primarily manufacturers, but which, nevertheless, engaged in significant amounts of manufacturing, were excluded from the benchmark totals while on the other hand the nomanufacturing activities of large producers were included. Thus, of necessity, the levels for each category in the old series could reflect only the composite activities of tax reporting units primarily producing the products of the category. Some observers felt that the resulting disparity between the category title and the actual content of the included reports could be misleading. The importance of this disparity increased as individual companies diversified their activities.

An effort was made to eliminate the current effect of mergers by limiting month-to-month changes to comparable reporting units. However, the IRS benchmarks included these "financial" is hifts as well as those resulting from IRS-company agreements on changes in reporting units to be consolidated for tax purposes. The adjustment of monthly series to the IRS lines, therefore, amounted to spreading such abrupt "financial" shifts over a period of time.

Although the monthly Industry Survey data were theoretically adjusted to calendar year levels, the benchmark aggregates included a significant number of reports which related to other annual periods. "For manufacturing companies, fully two-fifths of the returns affecting about one-fourth of the reported total assets are for non-calendar year periods." I This problem became particularly acute when setting yearend levels for monthly inventories in highly seasonal industries.

Since benchmark levels for orders do not exist, estimates of unfilled orders were made as of the end of 1947, and movements from these points were computed. To derive estimates of levels, the reporting panel was stratified by broad industry groupings and asset size within industry, and for each stratum, the sample panel's ratio of unfilled orders on December 31, 1947, to annual sales for 1947 was applied to the total sales estimate for that year. New orders estimates were obtained as a derived figure by adding the monthly sales estimates to the changes in unfilled orders. The levels for new and unfilled orders were revised in 1952 and 1954 to conform to the sales benchmark adjustments.

THE ANNUAL SURVEY AS THE NEW BENCHMARK

The Census of Manufactures and its annual counterpart, the Annual Survey of Manufactures, which are used as benchmarks for the new series, have certain features that made them superior, in balance, to other existing series as benchmarks for the monthly Industry Survey provided large multiactivity companies could be persuaded to submit separate current reports for their different activities. Underlying all considerations is the fact that the Annual Survey of Manufactures estimates, derived from individual establishment data, provide homogeneous distributions of the totals at all needed levels of classification detail. The formation of industry aggregates from an establishment base, rather than from a company base, for example, permits the exclusion of nonmanufacturing operations and foreign operations from the benchmark levels and minimizes the effects of overlapping company activities among various industry categories. The Annual Survey is closely monitored with respect to the economic activities of the reporting units contained in the specified classifications.

The Annual Survey of Manufactures provides the comprehensive industry detail for all manufacturing industries as defined by the Standard Industrial Classification system. The yearend levels for each industry and market grouping category can be set by aggregating the annual establishment detail while the monthly company and divisional reports, even though more heterogeneous in many cases, can be used to extrapolate the monthly movements between the benchmark levels for the past and current periods. The inclusion of unincorporated firms as well as corporate enterprises in the Annual Survey is a distinct advantage for those industries in which small businesses are prevalent. Detailed

²Much of this deficiency has been overcome by modifying the reporting units for large multiactivated companies --See Chapter III, "Reporting Structure for the New Series."

¹Statistics of Business Inventories, Federal Reserve Board Report of Consultant Committee on Inventory Statistics, November 1956, p. 66.

benchmark levels for inventories by stage of fabrication are also available from the Annual Survey of Manufactures, whereas such information cannot be obtained from the "Statistics of Income" tabulations.

The earlier issuance of Annual Survey of Manufactures data under present and anticipated publication schedules also enhances the usefulness of this series as a benchmark. Checks on the levels can be made at an earlier date than is now possible with the "Statistics of Income" figures. This in itself should reduce the magnitude of revisions in the levels of the monthly data.

The Annual Survey of Manufactures basic reporting unit, i.e., the establishment, imparts a controllable and more readily understandable classification system to the series. The characteristics which give the Annual Survey its flexibility also result in the gross values of shipments having somewhat more duplication than was present in the "Statistics of Income" series since the former series, by treating each establishment as a separate economic unit, also includes the value of interplant transfers. 3 Duplication resulting from intercompany transactions exists in both the new and old series, however, due to the use of the products of some companies as materials by others. Such duplication can only be avoided by using a "value added" measure, but this concept is not a readily reportable measure in a monthly survey. The aggregation of the data into market groupings, though, will give broad subtotals which are relatively free from this type of duplication since each category represents different stages or types of fabrication.

Duplication within industry categories is pronounced only in a few highly integrated industry areas such as primary metals and motor vehicles. In most other industries, transfers between plants of the same company reflect successive stages of production which are included in different monthly Industry Survey publication cells. These intracompany movements across industry lines are as meaningful as intercompany movements for studying flows or changes in industry levels from one stage of manufacture to another. Data users should be aware that intracompany transfers of this type are almost always an integral part of the cell total. For example, the level and monthly movements of the iron and steel category would be seriously distorted by including only the value of steel sold commercially while omitting the value of intracompany shipments of steel which had been produced for further incorporation into other products of the company,

Because of the high degree of vertical integration in the primary metals and motor vehicles industries, there is a significant amount of intraindustry as well as interindustry shipments among plants of the same com-

pany. The "enterprise statistics" program derived from the 1958 economic censuses sheds some light on the amount of intracompany duplication involved. For the motor vehicle and parts industry, the aggregate of the establishment value of shipments of multiplant companies classified in the industry was approximately one-third more than their net company sales to outside customers; in the steel category, the establishment value of shipments was about 15 percent more than the net company sales value.

Even the inclusion of intraindustry shipments as well as interindustry shipments, however, in the industry category, it may be argued, gives a more realistic evaluation of the category's aggregate economic activity and its proportionate weight in the new base. As seen in table A, the primary metals and transportation areas have relatively more weight in the new system, because of the inclusion of intracompany transfers. Primary metals shipments accounted for 8.5 percent and transportation equipment for 12.8 percent of the Annual Survey of Manufactures total in 1962. In the old series, these two groups accounted for only 6.5 percent and 11.6 percent of the total, respectively.

The exclusion of nonmanufacturing activities from the new series and the creation of separate divisional reporting units for large diversified companies also have considerably impact upon the relative weights of the individual industry groupings. The most significant difference occurs in the petroleum and coal products industry where, largely because of the exclusion of the substantial nonmanufacturing activities of these companies, the value of shipments accounted for only 4.3 percent of the Annual Survey total but 9.6 percent of the 1962 estimate for the old IRS-based series. To some extent, the relative weights of the industry groupings have also been affected by the 1957 revision to the Standard Industrial Classification. Comparable percentages based on the old and new series for all industry categories are shown in table A.

The establishment of additional industry categories in the new monthly series more effectively delineates the sequential stages of fabrication of manufactured products. Furthermore, the largely successful campaign to secure "divisional"s reporting has, to a considerable extent, brought the monthly Industry Survey in line with the Annual Survey of Manufactures.

Another important reason for using a benchmark such as the Annual Survey of Manufactures, which is based on reports for establishments rather than for companies, is that it is freed from the vagaries of financial changes in corporate structure. For example, the acquisition of a parts producing plant by a company

³Theoretically, the old series reflected the value of products sold during the period, i.e., total billings (net after discounts and allowances) including progress payments whereas the data in the new series reflect the value of products shipped. In practice, however, it appears that the terms "sales" and "shipments" are used interchangeably by most companies. For example, most large companies did not include progress payments resulting from fixed-price contracts in the month received but reported the entire amount of the contract only at the time of physical shipment. Consequently, the reporting instruction for the 1963 M-3 schedule was revised to omit the reference to the inclusion of progress payments in the sales figures. The major difference between the two statistics is the inclusion of interplant transfers in the shipment figures.

⁴Bureau of the Census, Enterprise Statistics: 1958. "Part I, General Report."

⁵See "Implementation of Divisional Reporting" in Chapter III.

INTRODUCTION

Table A.-Shipments, By Industry Groupings, New and Old Series: 1962

(All value figures in millions of dollars)

	New se	eries	Old series		
Industry group	Value	Percent of total	Value	Percent of total	
All manufacturing industries	399,365	100.0	399,120	100.0	
Durable goods industries	205,955	51.6	194,380	48.7	
Primary metals	33,965 18,230	8.5 4.6	26,110 15,700	6.5 3.9	
Fabricated metals	22,298	5.6	22,580	5.7	
Machinery Electrical machinery. Nonelectrical machinery.	55,931 27,573 28,358	14.0 6.9 7.1	63,730 26,180 37,550	16.0 6.6 9.4	
Transportation equipment. Motor vehicles and parts. Other transportation equipment.	51,282 33,661 17,621	12.8 8.4 4.4	46,210 28,880 17,330	11.6 7.2 4.4	
Lumber and furniture	13,881 11,538 17,060	3.5 2.9 4.3	10,740 9,830 15,180	2.7 2.4 3.8	
Nondurable goods industries	193,410	48.4	204,740	51.3	
Food and beverage. Tobacco. Textile. Paper. Chemicals. Petroleum and coal. Rubber. Other nondurable goods industries.	66,868 4,533 15,141 15,727 29,372 17,193 8,516 36,060	16.8 1.1 3.8 3.9 7.4 4.3 2.1	60,540 5,160 16,420 14,410 32,750 38,280 6,600 30,580	15.2 1.3 4.1 3.6 8.2 9.6 1.6	

Note: The classification of the new series is based on the 1957 SIC while the old series is based on the 1945 SIC.

which had formerly purchased those components would eliminate the shipments of the plant in a company report. In this case the continuity of the Annual Survey would not be affected since the parts plant would continue to report separately. The inventory figures, both in total and by stage of fabrication, are also changed to some degree by the benchmark revision. In moving to the Annual Survey of Manufactures base, the inventories associated with the nonmanufacturing activities of a company are excluded

⁶An alternative method which would minimize the duplication caused by interplant transfers was also considered but not adopted. This approach would substitute, for each multiunit company in the monthly Industry Survey panel, its monthly Industry Survey annual total in place of its Annual Survey of Manufactures figure.

There are decided disadvantages to this alternate plan, however, from both a statistical and operational point of view. The divisional report program has been in a state of transition for a long period and is still in progress. New companies are changing over to a divisional basis in each monthly report; this process can be expected to continue for some time to come. Consolidated and divisional data are obtained for an overlap period to facilitate short-term comparability. The substitution of these monthly Industry Survey reports, however, for Annual Survey of Manufactures data would not be feasible until the company reported on a divisional basis for a considerable period. Moreover, the benchmark would be continually changing with the addition of each new company to the panel of divisional respondents or with the inevitable rearrangements in the existing divisional patterns. In addition, the modified plan would perpetuate one of the limitations of the "Statistics of Income" series in that changes in ownership and control by corporations would, in concept, create a new modified benchmark level each month. This in effect would result in poor statistical comparability between each annual benchmark series.

from the benchmark. This results in the elimination of inventories held by manufacturers' sales branches and bulk-refining stations from the new series. 7

The new inventory benchmarks also minimize the amount of overlap among the various industries and thus one of the advantages is that the actual content of the category more closely reflects its title. Consequently, the relative proportions of the industry categories differ between the new and old series. For example, the elimination of consolidated company reporting results in, the increased weighting of the primary metals group in the Annual Survey of Manufactures levels. In the old series, this group accounted for 8.3 percent of total inventories whereas its percentage of the Annual Survey total is 10.5 percent. Comparable percentages for all industries are shown in table B.

The transition from a company to an establishment basis of benchmark adjustment likewise changes the relative proportions of the inventories by stages of

fabrication, particularly in the durable goods area. As can be seen from table C, finished goods inventories for the durable goods area amounted to 34.2 percent of total durable goods inventories in the old series but 27.5 percent of the total in the new series. Within each inventory stage of fabrication there has been some important shifts between the weight given to the durable goods industries and the nondurable goods industries. For example, the durable goods industries which accounted for 46 percent of the cattegory.

COMPARABILITY WITH OTHER SERIES

The new Industry Survey series are coordinated with a large number of monthly, quarterly, and annual surveys which are also conducted by the Bureau on an establishment or product-oriented basis. The shipments portion of the survey is, in general, somewhat more comparable than before with the manufacturing

Inventories held by these two groups are not currently covered in the wholesale trade statistics published by the Department to avoid double counting since they were presumed to be in the company-based series. The omission of inventories of petroleum bulk stations, pipeline storage, etc., in the new series lowers the relative weight of the petroleum and coal industry to 3.2 percent as compared to its weight of 6.1 percent in the old series.

Table B.-Inventories (End of 1962), By Industry Groupings, New and Old Series

(All value figures in millions of dollars)

New series Old series								
Industry group	New Se	ries	Old Belleb					
Industry group	Value	Percent of total	Value	Percent of total				
All manufacturing industries	57,394	100.0	57,210	100.0				
Durable goods industries	33,864	59.0	32,340	56.5				
Primary metals. Iron and steel.	6,016 3,680	10.5 6.4	4,730 2,820	8.3 4.9				
Fabricated metals	3,674	6.4	3,000	5.2				
Machinery. Electrical machinery. Nonelectrical machinery.	11,207 4,794 6,413	19.5 8.4 11.1	11,060 4,370 6,690	19.3 7.6 11.7				
Transportation equipment. Motor vehicles and parts. Other transportation equipment.	6,746 2,608 4,138	11.8 4.5 7.3	7,310 3,550 3,760	12.8 6.2 6.6				
Lumber and furniture. Stone, clay and glass. Other durable goods industries.	2,006 1,471 2,744	3.5 2.6 4.7	1,800 1,520 2,920	3.1 2.7 5.1				
Nondurable goods industries	23,530	41.0	24,870	43.5				
Food and beverage. Tobacco. Textiles. Paper. Chemicals. Petroleum and coal. Rubber. Other nondurable goods industries.	6,406 2,495 2,527 1,656 3,617 1,821 1,132 3,876	11.2 4.3 4.4 2.9 6.3 3.2 2.0	5,580 2,240 2,800 1,740 4,570 3,470 1,220	9.8 3.9 4.9 3.0 8.0 6.1 2.1				

Note: The classification of the new series is based on the 1957 SIC while the old series is based on the 1945 SIC.

Table C.-Inventories (End of 1962), By Stage of Fabrication in New and Old Series

(Value figures in millions of dollars)

	New s	series	Old series		
Industry group	Value	Percent of total	Value	Percent of total	
Total inventories	57,394	100.0	57,210	100.0	
Materials. Work-in-process. Finished goods.	20,646 17,103 19,645	36.0 29.8 34.2	17,930 16,500 22,780	31.3 28.9 39.8	
Durable goods industries	33,864	100.0	32,340	100.0	
Materials. Work in process. Finished goods.	10,617 13,913 9,334	31.4 41.1 27.5	8,250 13,040 11,050	25.5 40.3 34.2	
Nondurable goods industries	23,530	100.0	24,870	100.0	
Materials Work in process. Finished goods	10,029 3,190 10,311	42.6 13.6 43.8	9,680 3,460 11,730	38.9 13.9 47.2	

Note: The classification of the new series is based on the 1957 SIC while the old series is based on the 1945 SIC.

component of the Federal Reserve Board's index of industrial production. The two measures are now similar in the following respects: They relate to activity in manufacturing and follow the 1957 Standard Industrial Classification; where values are used (the entire monthly Industry Survey series and the output values used to derive the Federal Reserve Board weights), they are in terms of manufacturers' sales prices excluding excise taxes; both are compiled monthly, measure activity at different stages of production, and are adjusted to benchmarks derived from census data. The two series differ mainly in that Industry Survey measures manufacturers' shipments in terms of current dollars of gross value, whereas the other measures manufacturing production in terms of physical volume combined with value added weights. Thus, the monthly Industry Survey shipments figures are affected by price changes and changes in

finished goods inventories while the Federal Reserve Board index is not. The Federal Reserve Board manufacturing index includes the output of Navy shipyards and Army and Navy ordnance manufacturing, whereas the monthly Industry Survey shipments cover privately operated plants only. The shipments series include goods bought and resold without further processing while the production index does not. Aggregates at broader levels could show different changes in that the components are weighted by gross values in the shipments series and at net (value added) in the production series.

It should be specifically noted, however, that the monthly Industry Survey also provides data on orders and inventories in addition to shipments, "thus providing two key indicators that may be related to activity levels.

Chapter III - REPORTING STRUCTURE IN THE NEW SERIES

NEED FOR COMPATIBLE REPORTING WITH BENCHMARK

One of the major reasons for selecting the Annual Survey of Manufactures as a benchmark was that its industry group aggregates were derived from establishment reports. Since the benchmark figures were relatively consistent from industry to industry and over a period of time, they closely approximated the industrial activities designated by the category title. Moreover, the greater classification detail of the Annual Survey facilitated multiple rearrangements of the survey results to meet the varying needs of data users. The development of information by market groupings is an example of such rearrangement.

In order to attain the benefits of this homogeneity and flexibility, however, the reporting units for the monthly Industry Survey needed to be confined within a narrower range of industrial activities than formerly. The industry classification of companies whose activities were largely encompassed within a single industry subgroup created no problem, since the result would be similar in both the monthly Industry Survey and the Annual Survey of Manufactures series. These companies were assigned an industry code based on the classification of their establishments in the Annual Survey of Manufactures.

The problem of the reporting unit and industry classification was much more complex, however, for a limited number of large diversified manufacturers. From appendix G, it is evident that although the degree of diversification is of more importance in some lines of manufacturing than in others, almost all sectors are affected. Although 15.4 million employees were classified in manufacturing establishments, multiindustry manufacturers accounted for only 8.3 million of that work force. Of these 8.3 million employees, 6.3 million were classified in the primary industry of the company, i.e., in establishments having the same industry code as its parent company. In other words, 2.0 million employees were reported by establishments classified in industries other than the manufacturing company classification. As would be expected, the greatest impact on industry overlap into secondary activities came from the large diversified manufacturer. If reasonably reliable data were to be published for such groups, it was considered necessary to obtain reporting units that separated these industrial activities from the consolidated company reports.

The Bureau has devoted a substantial amount of time and effort over the past several years to work out with the companies involved an organizational reporting structure that would reduce the amount of industry overlap. Of course, these statistical objectives must be reconciled with the need for simplicity in reporting requirements, the company's ability to obtain the necessary information from its accounting records, and the willingness of the company to submit such data. The monthly Industry Survey is a voluntary survey and, in the final analysis, the ultimate success of the program is dependent upon the cooperation of the respondent. It should be noted that a very high degree of cooperation was forth-coming.

CONSTRUCTION OF REPORTING UNITS

Through the use of the data in appendix G, an analysis of the 1958 Census of Manufactures data was

made to determine which specific areas were significantly affected by consolidated reporting. In addition, all multiindustry companies with more than 1,000 employees were systematically reviewed to determine their degree of overlap among the proposed monthly Industry Survey categories.

Multiplant companies which had secondary activities of less than 10 percent or whose secondary activities amounted to less than \$15 million annually were classified on a consolidated basis and coded into the category reflecting their primary activity. It was felt that this group of multiplant firms, although large in number, was of relatively minor importance in terms of total value of shipments. For all other multiplant companies with more significant secondary activity patterns, the desired reporting unit structure was selected by regrouping the company's Annual Survey of Manufactures establishment data into monthly Industry Survey categories.

IMPLEMENTATION OF DIVISIONAL REPORTING

The analysis of the 1958 Census of Manufactures indicated that divisional reports would be needed from approximately 375 companies to satisfy the objectives of the survey. As used here, the term "division" refers to a unit within the company which lies somewhere between the company and the establishment level and is reasonably homogeneous as to type of activity. These units of organization may be designated as subsidiaries, divisions, departments, or even as plants by the company.

In early 1958, exploratory meetings were held with a number of large diversified manufacturers to discuss the feasibility of such reporting and to ascertain the types of problems that might be encountered. It became evident almost immediately that an adequate reporting structure for most large companies could not be developed on a routine mechanical basis. The variations in company accounting practices, the degree of centralization and control by the parent company, and the need to obtain high-level company approval to report such information monthly were typical of the problems which needed to be negotiated and solved on an individual company basis. There were also many special problems related to highly integrated companies which produced many of their own materials and components.

To the extent that the existing internal structure of the company approximated the proposed survey categories, it became the basis for the new reporting units. There was an obvious advantage in using the company's existing administrative accounting divisional structure. The monthly data tended to be readily available in the form desired, thus minimizing the possibilities of reporting problems which might be associated with a new organization of the company's records.

Although arrangements for divisional reporting were made by mail wherever possible, personal contacts were required for a great number of cases. Bureau representatives have given considerable attention to this matter and negotiations still continue. By September 1963, satisfactory arrangements had been reached with nearly all of the larger potential divisional reporters and negotiations are continuing.

Chapter IV - SAMPLE DESIGN AND ESTIMATION PROCEDURES

FRAMEWORK OF OLD SERIES

The sample plan for the 1948 revision of the survey called for a panel of 1,700 manufacturing companies with assets of over \$5 million and a random selection of companies with assets of less than \$5 million, for a total of about 11,700 companies. The sample panel was stratified by asset size, industry code as assigned by the Internal Revenue Service, and geographic area. Response was not complete, however, and only about 3,100 companies actually reported in the 1948-1949 period. There was a gradual attrition in the reporting panel so that by the middle of 1957 the number of firms participating on a regular basis had decreased to about 1,650.

As previously mentioned, the reporting unit for the old series was the company or combination of companies and the benchmark was the aggregate of tax reporting units based on industry codes assigned by the Internal Revenue Service. The tax reporting units were not necessarily the same as the monthly Industry Survey reporting units. Estimates were obtained for broad industry categories and then aggregated to summary levels. Monthly estimates were calculated for each size class of each category by obtaining the percentage change of the current month compared to the preceding month for the same companies and applying the percentage to the previous month's estimate.

During the developmental period of establishing the new series, the Bureau of the Census also assumed responsibility for the processing phases of the old series. These tabulations, however, were transmitted to the Office of Business Economics where the final estimates were prepared. Concurrently, a number of processing improvements were introduced during this interval. Although institution of these changes had been designed primarily as improvements to the new series, the betterment of the old survey during this interim period was also given consideration. One of the most important improvements related to survey coverage. Cooperation of new respondents was obtained through correspondence or telephone and personal interview followup. In terms of number of respondents as well as reported values, the coverage of the sample in relation to the final monthly estimates for the old series has shown a decided improvment

SELECTION OF SAMPLE FOR NEW SERIES

The sample for the new series was designed to provide estimates for approximately 55 detailed industry categories and to permit a supplementary presentation of the data by market groupings. The sample panel was defined as a probability sample selected as a subsample of the 1959 Annual Survey of Manufactures. As in the Annual Survey, all companies engaged in manufacturing constituted the sampling units. All manufacturing companies with 1,000 or more manufacturing employees were included with certainty (i.e., with a sampling weight of 1,00), regardless of their industry classification. Smaller companies were sampled with probabilities proportional to their employment size within each industry category stratum. Various scales of rates were used for the different strata depending upon the distribution of companies by size within the category, so that for some classes the certainty point was lowered to 500 employees. Approximately 7,500 companies were thus drawn for the panel. The panel is supplemented on a current basis by including all manufacturing operations acquired or initiated by companies already in the sample. Company reorganizations, mergers and owernship changes resulting in new successor firms are also retained in the reporting panel. In addition, the sample will be updated periodically from the list of new manufacturing concerns added to subsequent Annual Surveys of Manufactures.

The selection of the sample was completed in the fall of 1961 and the selected companies not already included in the monthly Industry Survey panel were canvassed at that time. Beginning with the January 1962 report, approximately 500 small companies which had been reporting but which were not selected for the probability sample were dropped from the survey. Companies which had been selected for the probability sample were also added to the reporting panel for the old series. It was, therefore, possible to use the same reporting panel to derive estimates for both the old and new series.

Although the data for the new series were retabulated on the revised sampling basis retroactive to January 1960, the basis for the revised 1960-1961 estimates was limited to those companies in the old reporting panel which had been selected for the probability sample. The newly added reporters began reporting in early 1962 and the coverage was considerably strengthened. Measuring coverage (for the new series) in terms of 100 percent if all reporting units included in the particular cell were to report, the overall ship nents response rate after inflation by sampling weights for October 1962 amounted to 70 percent for all manufacturing, 72 percent for durable goods industries and 69 percent for nondurable goods industries. As can be seen from table D, which shows shipments coverage obtained for each detailed category by sample weight ranges, the response rate drops oil sharply in the noncertainty sample weight ranges. It is also apparent that there is particularly weak coverage in industries which are predominantly comprised of small firms such as apparel, furniture, and lumber. More work remains to be done in bettering the response rate in order to achieve a coverage rate completely acceptable by Census Bureau standards for all categories.

ESTIMATION PROCEDURES

Shipments and Inventories

Estimates of shipments and inventories are obtained for each detailed category by multiplying the estimate for the preceding month by the link relatives based on reports from an identical group of companies.²

¹Bureau of the Census, Annual Survey of Manufactures: 1961, pp. 2-4
²A copy of the schedule (Form M-3) which is completed by the respondent for all reporting units is shown in appendix A. The form contains almost all of the necessary instructions for completing the information requested on shipments, inventories, and orders.

Table D.-Response Rate Obtained in New Shipments Series, By Industry Group and Sample Weight Ranges: As of October 1962

and Sample wer	Percent response rate by sample weight ranges							
, Industry group	Total	Certainty	1.01-4.99	5.00- 24.99	25.00 and over			
All manufacturing industries	70	88	54	50	43			
Durable goods, total	72	89	56	52	40			
Lumber and wood products	. 43	74	67	39	33			
Furniture and fixtures, total Household furniture	48 49	59 58	57 60	43 46	35 36			
All other furniture	47	62	51	30	31			
Stone, clay, and glass product	65	80	58	58	50			
Primary metals, total	87	91	64	75	62			
Blast furnaces, steel mills	97 71	98 78	82 53	94 55	82 28			
Iron and steel foundries	74	77	62	70	73			
Other primary metals	80	89	54	80	68			
Fabricated metal products, total Metal cans, barrels, and drums Hardware, fabricated metal products and	57 95	84 99	53 52	43 0	37 0			
wire products	56	78	53	44	37			
Other fabricated metal products	52	71	61	41	42			
Machinery, except electrical, total Engines and turbines	67 94	82 93	59 98	49 xxx	30 xxx			
Farm machinery and equipment	83	99	67	46	3			
equipment	72 67	83 76	63 56	47 43	9			
Special industrial machinery	51	58	55	35	47			
General industrial machinery Office and store machines	69 84	87 87	55 76	73	39			
Service industry machinery. Miscellaneous equipment	56 49	75 65	36 78	58 54	86 1 33			
Electrical machinery, total Electrical transmission and distribution	78	82	53	55	28			
equipment Electrical industrial apparatus	81 79	84 82	64 59	80 81	43 36			
Household appliances, including radio and TV.	78	88	41	48	7			
Communication equipment	91 66	94 79	43 48	50 28	xxx 52			
Other electrical machinery	67	86	66	44	29			
Transportation equipment, total	86	94	50	49	52			
Motor vehicles and parts	91 87	97 90	73 34	29	49			
Other transportation equipment	78	91	44	89 45	32 76			
Instruments and related products, total	76	87	59	39	39			
Engineering and scientific	78	91	62	38	58			
Other durable goods	71 66	82	44	45	36			
Nondurable goods industries, total	69	86	44 52	67 49	41			
Food and kindred products								
Meat products	68 64	83 81	50 32	57 58	52 44			
Dairy products	64	93	56	58	50			
Beverages Other foods and related products	67 69	87 81	46 57	63 50	41 57			
Tobacco products	96	99	57	21	100			
Textile mill products, total	50	58	34	41	48			
Broad-woven fabrics	56	65	29	27	60			
Knitting mills Other textile goods	46 45	53 42	39	41	62			
Apparel and related products	41	64	34 50	52	40			
Paper and allied products, total	74	87	54	31	37			
Pulp, paper, etc	87	89	81	41 51	70 92			
Paperboard containers	66	85	30	53	41			
paper and arrived products	65	83	50	32	76			

Table D.-Response Rate Obtained in New Shipments Series, By Industry Group and Sample Weight Ranges: As of October 1962-Continued

	Percent response rate by sample weight ranges							
Industry group	Total	Certainty	1.01-4.99	5.00- 24.99	25.00 and over			
Nondurable goods industries—Continued								
Printing and publishing, total Newspapers, books, periodicals Other publishing and printing	49	67	52	35	38			
	57	73	47	38	37			
	40	47	68	28	39			
Chemicals and allied products, total	85	94	56	55	54			
	97	100	25	78	51			
	73	97	84	42	56			
	77	91	36	50	67			
	79	86	100	59	44			
Petroleum and coal products	92	98	83	64	19			
Rubber and plastics products, nec	79	89	64	38	44			
	99	96	94	xxx	xxx			
	53	62	44	38	44			
Leather and leather products, total	62	84	55	45	33			
Leather and industrial products and cut stock	57	76	56	64	37			
Other leather products	63	85	54	42	27			

xxx Not applicable.

Table E.-Percentage of Total Reported Shipments Accounted for By Companies
Also Reporting Unfilled Orders: August 1962

Also Reporting Uniffied Orders. August 1962									
Industry group	Percent	Industry group	Percent						
Total industries with unfilled orders Durable goods industries Nondurable goods industries with unfilled orders. Durable goods industries, total. Lumber. Furniture, total. Household. All other furniture Stone, clay and glass. Primary metals, total.	60.2 64.6 38.5 64.6 29.9 71.5 75.8 55.6 28.3 68.4	Durable goods industries—Continued Electrical machinery—Continued Household appliances including radio and TV Communication equipment. Electronic components Other electrical machinery. Transportation equipment, total Motor vehicles, trucks, and bodies. Aircraft and parts. Other transportation equipment. Instruments, total Scientific. Other instruments.	51.0 91.4 65.9 63.9 74.5 54.1 96.2 78.0 46.6 53.9 33.3						
Blast furnaces and steel mills Iron and steel foundries Nonferrous metals Other primary metals Fabricated metal products, total Metal cans, barrels and drums	74.1 81.7 52.2 76.3 54.5	Other manufactures. Nondurable goods industries with unfilled orders, total. Textile mill products, total. Broad-woven fabrics.	65.1 38.5 44.7 44.0						
Hardware, fabricated, structural steel, etc Other fabricated metal products	72.5 57.9 68.6 85.8 21.6 59.1 89.3	Knitting mills. Other textile goods. Paper and allied products, total. Pulp, paper, etc. Paperboard containers. Other paper and allied products.	40.1 48.1 42.5 57.4 25.7 33.1						
Miscellaneous equipment. Special industry machinery. General industrial machinery. Office and store machines. Service industry machinery.	70.0 72.1 73.1 87.8 86.5	Printing, publishing, and allied products, total. Newspapers, books, and periodicals. Other publishing and printing.	28.3 9.2 47.8						
Electrical machinery, total Electrical transmission and distribution equipment. Electrical industrial apparatus	72.8 82.1 80.1	Leather and leather products, total. Leather industrial products and cut stock. Other leather products.	38.2 16.2 43.0						

The data for each company are inflated by their sampling weights before being summarized. Estimates for higher levels (subtotals and totals) are obtained by aggregating the related component categories within the series. Identical procedures are followed for the advance, preliminary, and final monthly figures with each successive estimate based on a larger number of companies.

The shipments and inventories estimates are benchmarked to the Annual Survey of Manufactures data. A preliminary level was set for January 1960 by calculating for each cell the link ratios, i.e., dividing the re-ported January 1960 data by the 1958 Census of Manufactures figures for these same companies and multiplying this ratio by its corresponding universe total. Estimates for subsequent months in 1960 and 1961 were linked to this base and then adjusted to reflect the Annual Survey of Manufactures benchmark levels for these years.

This adjustment to Annual Survey of Manufactures benchmark levels basically follows the electronic computer level adjustment program originated and supplied by the Federal Reserve Board. The difference between the annual levels obtained from the monthly and annual series is applied to the monthly figures on a proportionate basis, taking into account the relationship of the sample to its corresponding benchmark figure for the preceding and succeeding period. This adjustment-to-level program maintains approximately the same movement between any successive pair of months. This method will be used to adjust the monthly series to annual benchmark levels in the future. For example, until the 1962 benchmarks could be established from the Annual Survey of Manufactures, the shipments and inventory estimates were linked to the adjusted December 1961 figure. The series was then revised, where necessary, to reflect the 1962 Annual Survey levels and the data for 1963 were tied to the adjusted December 1962 figures.

New and Unfilled Orders

Unlike the situation for shipments and inventories, there are no benchmark levels for new and unfilled orders and the benefits of such benchmarks for testing methodology and data are likewise not available. As part of the general revision to the survey during 1948 and 1949, a special study of this subject was conducted among the monthly reporters and in December 1949 aggregate estimates for new and unfilled orders were introduced.3 Not having universe data, it was necessary to establish the level for unfilled orders for broad industry groupings by applying the ratio of December 1947 unfilled orders to 1948 sales for the reporting companies to the total 1948 sales estimates. Figures for prior and subsequent months were computed from that point. New orders were derived by adding the change in unfilled orders to the sales estimate.

In developing the new and unfilled orders series for the 1963 revision, the lack of benchmark information again hindered the establishment of a statistically reliable level. The very nature of the manufacturing economy complicates the basic problem in setting such levels; that is, some companies manufacture to stock, others manufacture to order, and some combine both characteristics. Where manufacturing is for stock, new orders are shipped almost immediately and are virtually equal to sales. Since there are no advance orders, there is no backlog. On the other hand, companies which produce only to specification, cannot fill the orders immediately and their production is limited to advance orders. Today, many large manufacturing companies have a highly diversified output and produce both to stock and to specifica-

Knowledge about the nature or orders data as carried on manufacturers' books is still very fragmentary. It is evident that there are a number of industries in the durable goods area which characteristically produce only for stock. The reverse is also true in that a number of nondurable goods industries which are presently not considered as "production to order" industries do operate on a backlog basis.

Even in industries which are generally regarded as being of the type that produce to specification4 a significant number of companies do not report unfilled orders. Although the degree of nonresponse varies among these industries it is much more prevalent in the nondurable goods sector. Measuring the reporting of unfilled orders data in terms of total shipments reported, 65 percent of the durable goods shipments were accounted for in August 1962 by companies reporting unfilled orders, whereas for nondurable industries with unfilled order backlogs, this figure amounted to only 39 percent. Comparable percentages for each industry grouping with unfilled orders are shown in table E.

Furthermore, it is not known the extent to which the reported figures combine shipments matched by unfilled orders with shipments of shelf items for which there are no unfilled orders; that is, what portion of the business operates to order. The introduction of divisional reports has improved this situation in the multiplant company area in that it has assured that orders and shipments data relate to the same universe for such reporters. Since the proper level for unfilled orders is not known, the Bureau has decided that a comprehensive study is necessary before an adequate program can be developed for this measure. (See Chapter VIII. Future Objectives.)

The interim plan that was developed established a level for unfilled orders for August 1962 by relating the ratio of unfilled orders to shipments (obtained from the sample) to the August 1962 shipments estimates by each detailed category. This ratio was modified to the extent that, in the absence of any specific information, companies not reporting unfilled orders data were empirically assigned one-half the ratio of the reporting group. The reasoning underlying this approach is that orders records are more likely to be maintained and reported by companies producing to order than by other companies. In selected cases, large companies not reporting this figure were handled individually and assigned

³W. Jacobs and G. B. Wimsatt, "An Approach To Orders Analysis," <u>Survey of Current Business</u>, December 1949,

pp. 18-24.

For the old series, industries with order backlogs have been defined to be all durable goods industries, textiles, paper, printing and publishing, and leather. This same assumption has been made for the interim program in the new series except that the following industry groups have been excluded: Wooden containers, Glass containers, Metal cans, barrels, and drums, and Building paper. Automotive assembly operations are excluded from both the new and old series.

a ratio of unfilled orders to shipments which approximated the activities of similar type and size companies. Special treatment was also accorded to a few industries. Estimates for subsequent months as well as estimates retroactive to January 1960 were obtained by link relatives based on a matched sample of reporting companies.

In order to achieve consistency among shipments, new orders, and unfilled orders, only two of the three series can be estimated independently. The estimates for new orders are, therefore, derived by adding the change in unfilled orders between the current and previous month to the shipments estimate. This method has the advantage of giving weight to shipments data reported by companies which do not report corresponding orders data. Also, once the levels for unfilled orders have been established, the monthly aggregates for new orders will not be affected by companies whose new orders atta apply only to their operations which are booked to specification. The derived new order figure is by definition, net of cancellations, while this may not always be

true with reported new orders. It would be desirable, of course, to have an independent estimate of new orders to provide some insight on the importance of production to order versus production to stock and the importance of cancellations. An appraisal of the new orders series, together with several different approaches, will also be included in the Bureau's comprehensive order study.

For a number of industries where backlog records are not maintained and where total backlogs are insignificant in relation to shipments, new orders were assumed to be equal to shipments and unfilled orders equal to zero. Most of these industries are in the nondurable goods area. In the case of the motor vehicle and parts group, the treatment of motor vehicles for this interim period continues the practice of the old series in assuming that new orders for motor vehicles are equal to shipments and that unfilled orders are equal to zero since it is understood that "the practice in this group is not to maintain any unfilled orders file even when there exists a substantial backlog of demand."

⁵W. Jacobs and G. B. Wimsatt, "An Approach To Orders Analysis," <u>Survey of Current Business</u>, December 1949, page 24.

Chapter V - REVISED INDUSTRY GROUPINGS

The publication of data for an increased number of industry groupings has been a prime objective in the plans for improvement of the monthly Industry Survey. Serious limitations were placed upon analysis of the data because the industry groups in the old series were so broad that diverse movements within component industries were obscured, In 1955, the Federal Reserve Board Task Force on Inventory Statistics pointed out that, "What is needed is the separation of industries or combinations of industries of markedly different characteristics within groups and the development of separate data for industries of great individual importance," 1

The industry categories in the new series were, therefore, planned in terms of long range publication objectives. The goal to increase publishable detail was based in part on yielding information for those large industry classes whose fluctuations would provide the greatest insight into current economic changes. In addition, stage of fabrication, type of customer, and durable versus nondurable classification of industry were taken into account. The new industry categories were developed by rearranging the 430 industries defined as manufacturing in the 1957 Standard Industrial Classification (SIC) system. These 430 industries have been aggregated into 55 industry sectors which, in some industrial areas, approximate the 3-digit SIC industry group and in others are nearer the 2-digit than 3-digit SIC level.² A further subgrouping of these 55 industry sectors was incorporated to make possible the tabulation of estimates for the Federal Reserve Board market categories. (See chapter VI.) Much of the finer industry detail is included in the durable goods area, particularly in Major Group 35, "Machinery, Except Electri-cal," and Major Group 36, "Electrical Machinery," In the nondurable goods area, more detailed information is contemplated for the foods and chemicals groups. These monthly Industry Survey categories can be aggregated to the 2-digit major groups and further summarized into durable and nondurable subtotals. The composition of each of these monthly Industry Survey categories in terms of the SIC industry codes is shown in appendix B of this report.

Tabulation of the series on the new benchmark basis was begun with January 1960 data. In order to take maximum advantage of the new series so that long term trends could be studied, historical comparisons could be made, etc., a program was developed to provide approximately comparable monthly data for the 1953-1955 period, or in the case of summary measured, the 1947-1959 period. In addition to their use for comparative purposes, these data were also needed for derivine seasonal adjustment factors.

The first step was to establish annual levels which would be comparable in content and definition throughout the entire period. The problem of developing such a series was complicated by the 1957 revision of the SIC

system. Also, the Census Bureau had changed its definition of shipments in 1956 to include the value of products bought and resold without further manufacture (merchandising operations performed by manufacturing establishments). The detailed conversion of the 1945 SIC system to obtain monthly Industry Survey benchmark levels on a comparable basis is outlined in appendix C. The inclusion of resales for years prior to 1958 was accomplished by using the 1954 and 1958 resales figures from the Census of Manufactures and interpolating for intermediate years.

The benchmarking of the revised program to the Annual Survey of Manufactures only set the shipments and inventories levels for each tabulation category. The more difficult problem involved the determination of the monthly pattern for each of these series. Back data from the old monthly Industry Survey were used whereever they were found to be roughly comparable. In the strictest sense, no series is exactly comparable because of the changes in the SIC, use of "divisional" reports in the new series, and changes in the reporting panel itself over a long period of time. Moreover, for some categories, the changes in the SIC were so significant or the detail level of the new category was so much finer that the linkage to any comparable series in the old survey was precluded. Under such circumstances, other sources were examined to find a related series which was believed to exhibit a monthly pattern similar to that which might be adequate for the new series. Even then it was not possible to develop acceptable linking series for all cases. In such instances, the monthly pattern for earlier years was derived by linking the new series to the closest 2-digit or 3-digit combination series available from the old survey. These adaptations ocup for market category groupings. Such series were not contemplated for separate publications but rather to permit the buildup of data for each of the major market categories.

A computer program was developed to adjust the original monthly series to Annual Survey of Manufactures benchmark levels. The plan basically follows the electronic computer level adjustment program originated and supplied by the Federal Reserve Board. The estimates for January 1963 and subsequent months were linked to the adjusted December 1962 figures.

In any comparison of the new and old series, the user should keep in mind that there are substantial conceptual differences between the two sets of data. In summary, the new series (1) reflects only manufacturing activities from its Annual Survey benchmark basis, (2) is based on the 1957 SIC system, and (3) includes interplant as well as intercompany sales. Although the two series exhibit similar cyclical movements and approximate the same levels on an overall basis, the component series differ rather substantially, particularly with regard to level.³

See Chapter I, footnote 1.

²A detailed description of the Standard Industrial Classification system, including its purpose and structure, appears in the Standard Industrial Classification Manual, Bureau of the Budget, 1957.

³Comparison of the new and old series for summary measures of shipments, inventories, and unfilled orders are shown in the chart section of this report.

In the new series, shipments and total inventory data are shown separately for 14 2-digit major industry groups and 6 market categories. Data for 16 additional categories are also introduced. Orders data are shown for five 2-digit major industry groups and nine more detailed categories and six market categories. Inventories by stage of fabrication are shown separately for seven 2-digit industry groups. Data (including trading day and calendar month adjustments for shipments and new orders) are shown with and without seasonal adjustment in the appropriate statistical section of this report.

As previously mentioned, the objectives of the Bureau ultimately are to publish detail for the approximately 55 industry and 12 market categories as shown in appendix B. The publishability of a category is determined by a number of factors. Jdeally, if almost all companies which were selected for the panel reported in the survey, no difficulty would be encountered in determining the sampling error of the estimate and thereby establishing its reliability. Unfortunately the degree of nonresponse at this time precludes the determination of the reliability of the data by this basis and the validity of past and current data must be judged by a number of other criteria.

The coverage factor of the cell in terms of reporting reponse is of major importance in that this factor gives some measure of the accuracy of the estimate. The establishment of coverage criteria depends upon the publicatior level under consideration, since purely random and e-ratic factors have a tendency to counteract each other as the base broadens. Thus, it is felt that the coverage criteria for 2-digit industry levels need not be as high as for detailed industry categories. Pragmatically, the Eureau is using a minimum coverage factor for publication of data at the level of 65 percent. In the case of fabricated metal products and textile mill products, the coverage factors were below this minimum but consideration was given to the fact that these data had been published in the old series. It was thus decided to continue issuance of these figures with the immediate objective of increasing the report response in these

Publication of the more detailed industry categories had to meet more stringent criteria and, for the most part, the coverage is over 75 percent for series which have been published. Where the coverage factor is below 75 percent and the series has been published, the variance and irregular component have been found to be small.

In addition to the response rate, the effect of consolidated reporting is another important factor to be considered. It should be noted that the original monthly levels for the series were established by relating each company's monthly Industry Survey report to its related 1958 Census of Manufactures data, Thus, a company which reported monthly on a consolidated basis had all of its individually filed establishment census reports included in the category in which the company had been classified. Thereafter, in obtaining monthly estimates, its combined activity was reflected only in the category which represented its primary activity. For all other categories in which the company should have been included, its monthly movements, in effect, are estimated at the industry average since its establishment reports filed in the Census of Manufactures have been included in the base. The reliability of the estimate for each of these types of categories (the category in which the company report does affect the estimate and those categories in which plants of the company are included only in the base) can be affected to the extent that the company's activity is not representative of the industry average.

The problem of consolidated reporting though has been continually diminishing. By the latter part of 1962, almost all of the largest multiproduct companies had begun to file separate reports covering their major manufacturing activities, but in many instances corresponding figures were not available for earlier years. As the effects of consolidated reporting are eliminated from the new series and as more historical data are built up from the new series itself, more detailed data will be publishable.

Chapter VI - INTRODUCTION OF MARKET CATEGORIES

The major revisions to the monthly Industry Survey which have been discussed in previous sections have permitted the rearrangement of the basic data in terms of markets. These groupings are designed to separate shipments of final products from shipments of semifabricated products and materials for further manufacture or for use by the construction industry, as well as to distinguish finished goods production as to durability and between consumer-type products and equipment items. Such economic time series provide useful measures for isolating the impact of changes in demand in various sectors of the economy and greatly facilitate analysis of cyclical and growth developments.

In the past, the presentation of monthly Industry Survey data by industry groupings alone, precluded maximum utilization of this series in economic analysis. The SIC system upon which the industry groupings are based classifies establishments on either a 2-digit, 3-digit, or 4-digit basis according to the degree of detailed information wanted. It also permits comparability in statistical presentation among the numerous series published by government agencies as well as by private groups. Despite its many advantages, however, the aggregation of data into 2- or 3-digit industry groupings does not provide an analysis of the movements of the various sectors in the economy in terms of markets or end use of the products.

The new market grouping categories provide a breakdown between final products and materials and a further division of final products between consumer goods and equipment for business and government use. A supplemental measure of defense-oriented products will be published also. Subtotals are provided for home goods and apparel, and for consumer staples within the consumer goods division, while materials including supplies and intermediate products, are subdivided into construction materials and all other. For reasons to be discussed later, automotive equipment is treated as a separate market grouping. The industry composition of the market grouping is shown in appendix B.

In defining the composition of the tabulation cells to establish both the industry and market categories, some compromises had to be made. The extent to which separate tabulation categories could be formed had to be reconciled with the limits imposed by the sampling framework and the reporting requirements imposed upon multiproduct companies. Generally, industries within the same 3-digit group were treated as a unit inasmuch as when one or more industries were broken out from its industry group, a separate tabulation cell had to be created. For example, Knit fabric mills (SIC 2256) more properly belongs in the market grouping "Other materials and supplies," rather than in "Home goods and apparel." However, the value and relative weight for

this industry did not warrant the establishment of a separate sampling cell. In a number of instances, however, the composition of the industry grouping and its market overlap were so significant that the category was broken out into its related market sectors.

The market grouping series represents a decided advancement in the presentation of the monthly Industry Survey data. However, there are certain qualifications which should be taken into consideration when using the figures. Foremost is that the classification system basic to the new monthly Industry Survey is an industry rather than a product classification. For this reason, the SIC system yields only approximate groupings for marketing purposes. Frequently the industry structure does not distinguish between finished goods which are sold to the consumer and the business markets, and intermediate products which are to be incorporated in final products by other economic sectors. For example, the industry classification for the metal stampings industry (SIC 3461) includes intermediate products such as job stampings for washing machines and final products such as cooking utensils and ash cans.

Furthermore, the classification of an establishment into an industry is based on its primary product specialization. Many plants make both finished goods and intermediate products, as well as manufacture products which are sold to both the consumer and business markets. To some extent the data obtained from the monthly Industry Survey reports are even more heterogeneous since the reporting units consist of combinations of plants in 3- or 4-digit industry aggregations.

With one exception, the market category groupings permit direct comparisons to be made with Federal Reserve Board market groupings. The major difference in the two series is the treatment of motor vehicles and parts which is shown as a separate grouping in the monthly Industry Survey. In the Federal Reserve Board Index of Production this category is spread among three groupings. The Federal Reserve Board classifies all passenger automobiles and motor vehicle replacement parts in consumer goods, along with automobile trailers, boat building, motorcycles and bicycles while trucks and buses are classified in equipment; and motor vehicle parts for original equipment in materials. The monthly Industry Survey reports do not separate the value of cars and trucks and it would be most difficult, if not impossible at this time, to parallel the Federal Reserve Board categories in this respect. The Bureau is investigating various approaches which would permit such a breakdown on a monthly and annual basis, for at least shipments and orders data. The creation, meanwhile, of a sepa-rate category for automotive equipment in the monthly Industry Survey helps to segregate an extremely volatile segment of the economy.

¹The advantages of using market groupings in economic analysis have been described at greater length in the Federal Reserve Board publication, <u>Industrial Production</u>, 1959 Revision.

Chapter VII - SEASONAL ADJUSTMENT

The seasonal adjustments of manufacturers' shipments, orders, and inventories were made on the Bureau of the Census computers using the X-9 and X-10 versions of Census Method II. The basic method was first adapted for the electronic computer in 1954 and has been modified on the basis of a continuing intensive research and testing program over the past eight years. There is now extensive literature on the tests and research that form the basis of this method and on the use of the results as an aid in interpreting current economic change. I

There are a few special situations which require supplemental or other methods of adjustment. In this case, it was considered that two situations required such adjustments. They were the 1956 and 1959 steel strikes and the shifting model changeover date in the motor vehicle industry. The special techniques for obtaining seasonal factors for years in which strikes are prevalent and the approach used for an automobile model-year adjustment are presented more fully in the latter part of this chapter. In addition, the series on shipments and new orders required an adjustment for the number of trading days per month.

TRADING-DAY FACTORS

Variation in the rate of activity that arises from the existence of different numbers of trading days in the same month for different years can be an important cause of month-to-month irregular fluctuations. Unlike some other causes of irregular fluctuations such as unexpected economic developments, unusual weather, and statistical errors, trading-day irregularities can be approximately identified and removed so that the underlying trend-cycle stands out more clearly. Hence, it is often possible to reduce the irregular factor by a trading-day adjustment.

Considerations used in selecting trading-day adjustment factors are knowledge concerning industry practices, tests of alternative sets of factors, and derivations of trading-day factors based upon the information contained within the data.

For most series, the development of monthly trading-day adjustment factors are based upon the assumption of equal weights for Monday through Friday and half-weight for Saturday and Sunday. The logic for this trading-day pattern rests on the assumption that (1) the books in which sales records are kept are generally open Monday through Friday and that (2) about half of the sales volume each month takes place with monthly periodicity independently of the vagaries of the month-end calendar. In allowing for this half of the sales volume, equal treatment is given to Saturday and Sunday.

. Statistical tests also suggested the use of the 5, 1/2, 1/2 set of daily weights. In general, the set of trading-day factors that yields the smallest residual irregular component ($\bar{1}$) after seasonal adjustment may be considered the best. For most series, the seasonal adjustment based upon 5, 1/2, 1/2 daily weights yielded smaller changes than other alternatives. Table Fillustrates the effect on $\bar{1}$ of applying trading-day factors of 5, 0, 0 and 5, 1/2, 1/2 for selected series.

¹See Electronic Computers and Business Indicators, NBER Occasional Paper 57 (New York, 1957) for descriptions of Method II and the problem of seasonal adjustment. Tests and Revisions of Bureau of the Census Methods of Seasonal Adjustments, Bureau of the Census Technical Paper No. 5 (Washington, 1961, \$1.00) gives the results of research on seasonal adjustment and some modifications of Method II. This paper and several others on seasonal adjustment research appear in Seasonal Adjustment on Electronic Computers, DecD (Paris, 1961, available from the regional office: Organisation for European Economic Cooperation, 1346 Connecticut Ave., N.W., Washington, D.C. for \$9.50). Other literature is cited in these three references. The specifications for the X-9 and X-10 versions of Method II may be obtained from the U.S. Bureau of the Census, Washington, D.C. 20233.

Table F.--Average Month-to-Month Percent Change (Without Regard to Sign) in the Irregular Component (Î) Based on 5, 1/2, 1/2, and 5, 0, 0 Trading-Day Factors for Selected Industry Groups

	Ī				
Industry group	5, 1/2, 1/2 day weight	5, 0, 0 day weight			
Stone, clay, and glass products. Hlast furnaces, steel mills. Other fabricated metal products Farm machinery and equipment. Communication equipment. Instruments. Mest products. Textile mill products. Industrial chemicals, except pigments. Petroleum and coal products.	4.75 1.75 1.76 2.89 2.20 1.09	3.17 4.54 3.28 6.11 3.45 5.18 2.86 2.90 3.64			

For the few series where the 5, 1/2, 1/2 adjustment was not appropriate, methods of deriving trading-day factors from evidence contained within the data played an important role in selecting the trading-day factors. These series were shipments and new orders of (a) Newspapers, periodicals, books; (b) Pulp and paperboard mills, except building; and (c) Tobacco. The selected weights for the three shipments series are given in table G. The weights for the new orders series are identical to those for the corresponding shipments series. For the shipments series, table G. Compares I based on the selected set with I based on the 5, 1/2, 1/2 set and I from a seasonal run with no adjustment for trading days. In all cases the trading-day adjustment is modified to convert each month to one-twelfth of a year prior to seasonal adjustment. This is the same, conceptually, as a daily average rate raised to a monthly level. These adjustment for traces and the series of t

The use of a pattern of daily activity to construct monthly trading-day factors does not necessarily mean that the industry actually has such a pattern of daily activity. What is implied is a monthly rate of activity that varies partly with the number of Mondays, Tuesdays, etc., in the month.

STRIKE ADJUSTMENTS

Several series in the primary metals, fabricated metals, and transportation equipment groups were significantly affected by the 1956 and 1959 steel strikes. Distortions in the seasonal pattern were of such a magnitude and duration that the standard programmed treatment of extreme values was not sufficient to erase the strike effects.

To adjust for a strike, an original series modified for strike effects is formed by first estimating a straight-line trend-cycle between the end points of the strike-affected period and then multiplying the new trend-cycle by the average of the seasonal-irregular ratios in the 2 preceding and 2 following years for each month in the

strike-affected period. This modified original series is run on the computer program to obtain final seasonal factors not affected by the strike. These seasonal factors are divided into the unmodified original series so that both the published unadjusted and seasonally adjusted series show the impact of the strike.

MODEL-YEAR ADJUSTMENT OF MOTOR VEHICLES

The series on shipments of motor vehicles (assembly operations) required a special type of adjustment because of varying dates of new model introductions. A brief description of the adjustment follows.

After adjustment for working days and the 1959 steel strike, the low points in shipments caused by introducing new models were fixed at November 1953, October September 1955-1958, and August 1959-1962. Then the series was alined in model-year order (that is, with each year shifted so that all low points were posted in the same month). In 1954, 1955, and 1959, March and April (months little affected by model dates) of the series in original order were averaged to obtain dummy values that were placed between the actual March and April values so that the low points were 12 months apart. The series was on the electronic computer program. This model-year adjustment removed most of the seasonal variation. However, when the series was recast in calendar-year order, some seasonality remained. To remove it, the series was rerun on the electronic com-puter program in calendar-year order with the dummy March-April values removed. The final seasonal adjustment factors were the product of the factors from the model-year and calendar-year computer runs.

The technique described above is designed to adjust for shifting dates of the model-year low point and to allow for gradual changes over time in the seasonal characteristics of the series. When sharp shifts occur in the model-year pattern, the approach may yield poor results.

Table G.--Average Month-to-Month Percent Change (Without Regard to Sign) in the Irregular Component (1) Based on Selected Trading-Day Adjustment Compared with 5, 1/2, 1/2 and No Trading-Day Adjustments

	Selected weights						Ī			
Series	М	T	W	Т	F	S	s	Selected weights	5, 1/2, 1/2 day weights	No adjustment
Shipments of Newspapers, periodicals, books Pulp and paperboard mills,	1	1	1	1	1	1	1-1/2	1.59	3.18	1.86
except building	1 2	1	1	1	1	1 0	1/2	1.10 2.32	1.30 2.95	1.28 3.87

²For an explanation of these methods, see "The Measurement of Calendar Variation" in <u>Seasonal Adjustment on</u> Electronic Computers, pages 343-359.

Appendix E shows the factors for 1943 which were obtained from the above adjustments, except for the months of July and August. In 1962 and 1963 the seasonally adjusted data showed very erratic movements in these two months. It was decided, therefore, to average the figures for this model change-over period. This was accomplished by reallocating the total of the original seasonal factors to yield the same seasonally adjusted result.

CHANGES IN SEASONAL PATTERNS

Seasonal patterns of many of the individual shipments, orders, and inventories series changed significantly beginning around 1957. The extent of the changes was such as to raise some question as to the probable adequacy of the seasonal factors for recent years. It is presumed that these shifts reflect a rather substantial increase in sample coverage in 1957, 1958, and 1962, and 1962. In addition, although all of the benchmark levels are based on the revised SIC, the linkage of the 1953-1959 to the current figures was based upon series which included reports classified in terms of the old SIC. In any case, the seasonal characteristics of the ship-

ments, orders, and inventories series will bear careful scrutiny in the years ahead, especially until the content of the reporting panel has been relatively stable for a considerable period.

All series were originally run on the X-9 version of the electronic computer program for seasonal adjustment. An examination of the factors for recent years for some of the shipments and new order series, which are more erratic in their month-to-month movements than are inventories and unfilled orders, raised questions about the adequacy of the X-9 method for some of the series where short term movements had shown large fluctuations since the late 1950's. For this reason the shipments and new orders series were rerun on the X-10 computer program which varies the term of years included in arriving at seasonal factors, depending upon the stability of the series. This version seems to have yielded a significantly improved result for the erratic series in recent years. For the period from 1953 to 1959 the results were quite similar to those resulting from the X-9 method. Accordingly, the X-10 computer program for seasonal adjustment was used throughout for sales and new orders, except for the automobile industry which received a special adjustment.

Chapter VIII - FUTURE OBJECTIVES

The revision in the monthly Industry Survey program presented here has been designed to meet the expanding needs of various statistical users. Although much has been accomplished in improving the quality of the figures and in introducing additional data, further improvements are constantly being sought. Basic to the survey is the ever present need for improved collection and processing techniques to keep pace with the increasingly complex requirements of the survey.

The utilization of electronic computers has imparted a degree of accuracy and a degree of flexibility in presenting analytical data not heretofore possible. Within the next 18 to 24 months, the Bureau plans to concentrate upon a number of major projects related to this survey.

IMPROVEMENT IN REPORTING COVERAGE

The degree of nonresponse is still an important consideration for it (a) precludes the publication of data for a number of industry categories and (b) limits the amount of publishable subdivisions within the market groupings. The Bureau is studying various approaches to this problem which would permit a gradual increase in published data until the long-range goals are ultimately achieved.

COMPREHENSIVE STUDY ON ORDERS

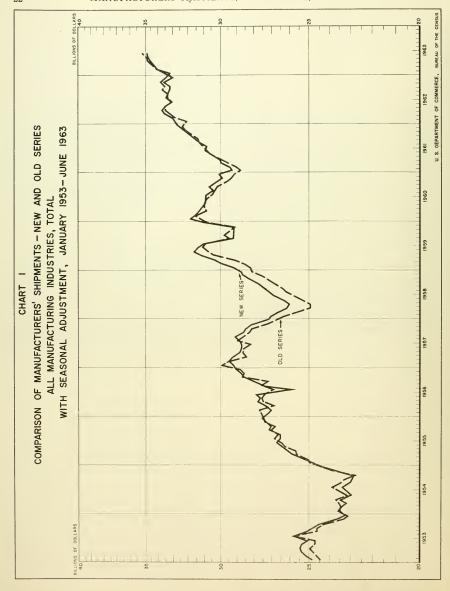
In the absence of benchmark information for new and unfilled orders more definite knowledge must be gained regarding industry practices, structure, and the like, for both large and small companies. A comprehensive study with these objectives in mind is currently being planned for initiation in the near future and preparatory exploration of the field has begun.

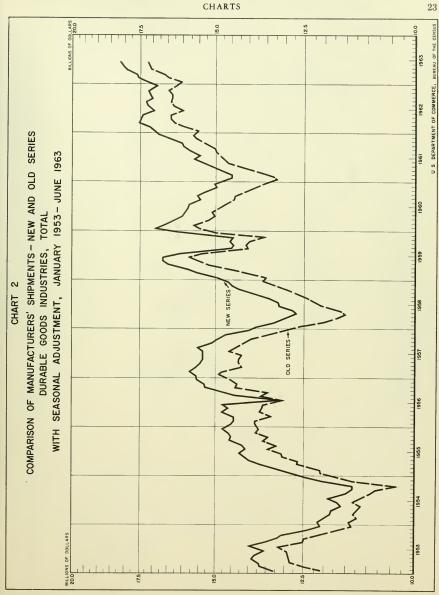
An important adjunct of this program will be the study of alternative methods of measuring expected activity, for in many ways the unfilled orders series is not a satisfactory indicator. The relationship between unfilled orders and shipments roughly estimates the elapsed time interval necessary between the initiation of an order and its shipment. An increase or decrease in this relationship can be due to endogenous forces such as a change in plant capacity or change in product design rather than to cyclical fluctuations. Moreover, there is no effective measure of anticipating activity for those industries which ship primarily from stock. It is hoped that this study will provide some alternative "future activity" indicators. This is especially important for industries that schedule production well in advance but do so without formal orders from customers.

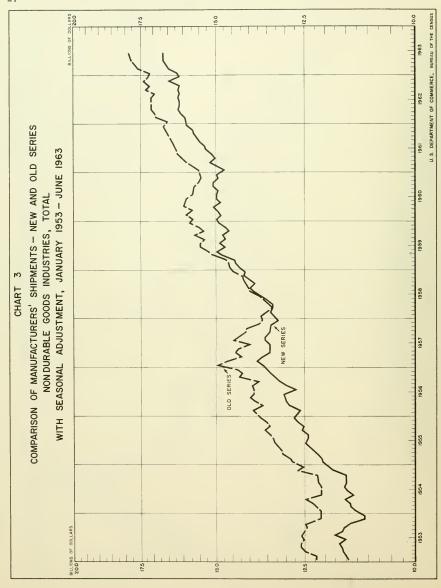
FURTHER IMPROVEMENTS IN DIVISIONAL REPORTING

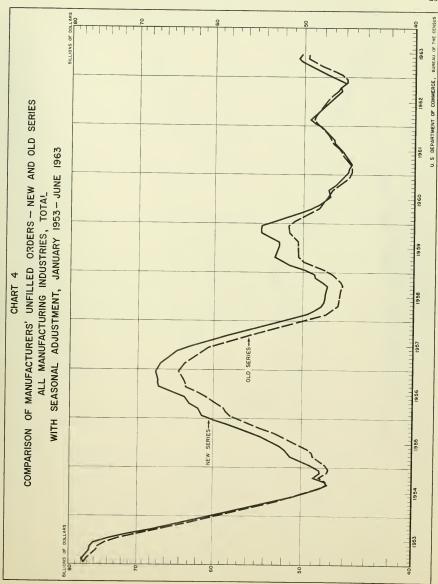
While multiactivated companies have generally been cooperative in reporting on a divisional basis, there are a few industry categories for which the inclusion of secondary activities still is considered to be too high. As shown in appendix G, industry areas such as construction machinery, steel mills, and pulp and paper are involved. For this reason it is planned to obtain additional divisional reporting from these companies in the period ahead.

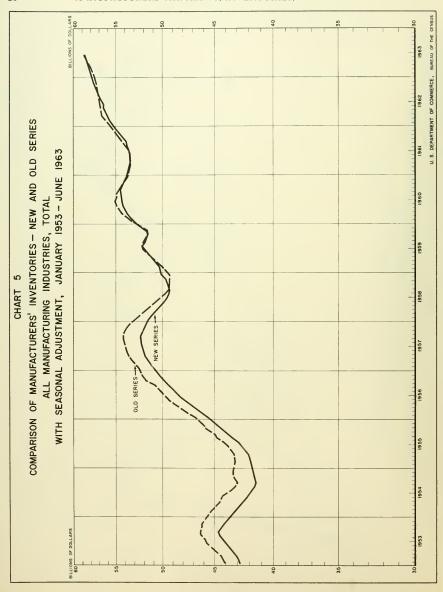


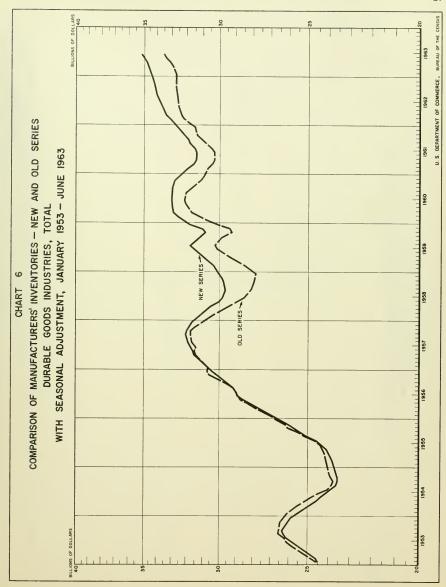


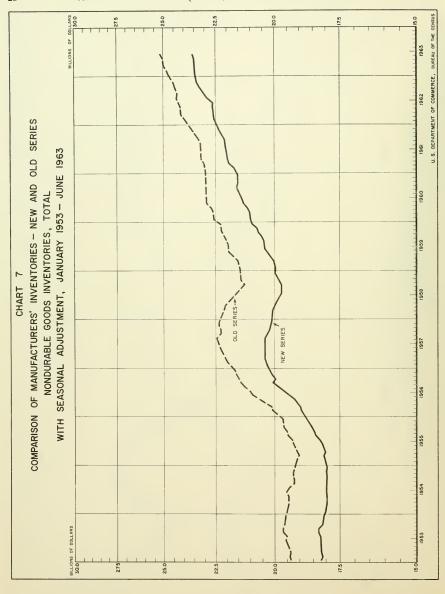












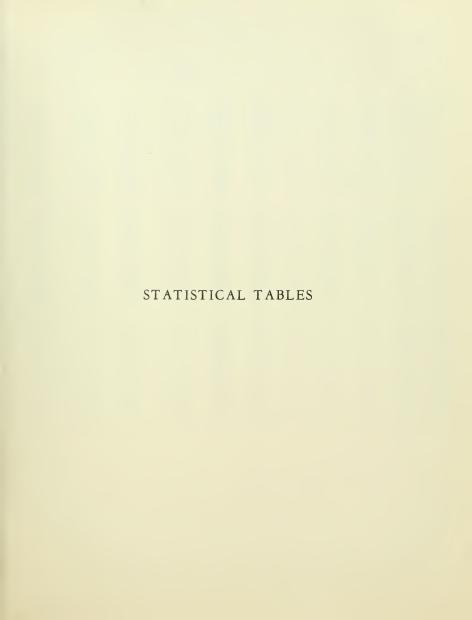


Table 1 -- Manufacturers' Shipments, New Orders, and Unfilled Orders (New and Old Series): 1947-1962

	(Million	ns of dollars)				
Year	Shipm (monthly		New or (monthly		Unfilled (end of	
	New	01d	New	Old	New	01d
All manufacturing industries: 1962. 1963. 1964. 1979. 1999. 1998. 1997. 1996. 1995.	33,308 30,884 30,796 30,219 27,280 28,736 27,740 26,486	33,260 30,730 30,410 29,737 26,229 28,363 27,711 26,341	33,167 31,061 30,115 30,679 26,901 27,514 28,383 27,423	33,050 30,960 29,900 30,128 25,904 27,257 28,324 27,171	46,242 47,868 45,820 54,101 48,785 55,251 67,473 60,044	45,650 48,200 45,370 51,486 46,797 50,697 64,210 56,861
1954. 1953. 1952. 1953. 1959. 1951. 1950. 1950. 1954. 1954. 1947.	23,351 24,823 22,581 21,702 18,620 16,092 18,105 15,500	23,530 24,515 22,850 22,309 19,285 16,416 17,630 15,917	22,313 23,533 23,203 23,907 20,110 15,614 17,692 15,256	22,480 23,111 23,582 24,511 20,980 15,903 17,351 15,622	48,195 60,346 75,478 66,862 41,166 22,877 30,552 34,266	46,900 59,494 76,343 67,553 41,126 20,785 26,946 30,296
Durable goods industries: 1962. 1961. 1969. 1979. 1979. 1979. 1979. 1976.	17,184 11,532 15,817 15,544 13,572 15,237 14,715 14,080	16,200 14,540 14,680 14,507 12,383 14,159 13,805 13,079	17,085 15,664 15,223 15,951 13,170 14,954	16,020 14,740 14,240 14,851 12,040 13,085 14,442 13,853	43,666 44,818 43,187 50,428 45,709 50,464 64,067 56,369	42,920 45,120 42,850 48,129 44,008 48,127 61,015 53,372
1994. 1953. 1952. 1951. 1950. 1949. 1947.	11,827 13,335 11,338 10,483 8,835 7,167 8,337 6,683	11,237 12,375 10,935 10,375 8,804 7,070 7,594 6,695	10,743 12,105 12,061 12,841 10,165 6,633 8,126 6,388	10,156 11,032 11,688 12,675 10,315 6,592 7,481 6,365	45,233 57,854 72,317 63,077 35,222 19,504 26,459 28,379	44,081 57,060 73,176 64,141 36,550 18,423 24,150 25,506
Nondurable goods industries: 1962. 1961. 1960. 1999. 1938. 1947. 1956.	16,124 15,352 14,979 14,675 13,708 13,499 13,025 12,406	17,060 16,180 15,730 15,230 13,846 14,224 13,906	16,082 15,397 14,892 14,728 13,731 13,441 13,002 12,469	17,040 16,230 15,660 15,277 13,864 14,172 13,881 13,318	2,576 3,050 2,633 3,673 3,076 2,787 3,406 3,675	2,740 3,080 2,520 3,357 2,789 2,570 3,195 3,489
1994, 1953, 1962, 1961, 1960, 1964, 1964,	11,524 11,488 11,243 11,219 9,785 8,925 9,768 8,817	12,293 12,139 11,915 11,933 10,481 9,347 10,036 9,222	11,570 11,428 11,142 11,066 9,945 8,981 9,566 8,868	12,324 12,078 11,895 11,836 10,665 9,311 9,870 9,257	2,962 2,492 3,161 3,785 5,944 4,373 4,093 5,887	2,819 2,436 3,167 3,412 4,576 2,362 2,796 4,789

Table 2.-Manufacturers' Inventories (New and Old Series): End of Year, 1947-1962

		(M	illions of dol	lers)				
		New S	eries			01d S	eries	
End of year	Total inventories	Materials and supplies	Work in process	Finished goods	Total inventories	Materiala and supplies	Work in process	Finished goods
All manufacturing industries: 1962; 1961; 1961; 1960; 1979; 1978; 1977; 1975; 1955;	57,419 54,776 53,512 52,497 50,013 51,878 50,728 45,225	20,659 20,084 19,715 19,998 19,000 19,787 19,909	17,072 16,041 15,450 15,693 14,953 15,551 14,917	19,688 18,651 18,347 16,806 16,060 16,540 15,902 13,778	57,210 55,190 53,900 52,877 49,468 53,688 52,515 46,572	17,930 17,510 17,200 17,800 16,600 17,600 17,800 16,100	16,500 15,830 15,100 15,100 14,200 15,600 15,600 13,700	22,780 21,850 21,700 20,000 18,800 20,400 19,200 16,800
1954, 1953, 1952, 1951, 1950, 1949, 1948, 1947,	41,831 44,214 41,534 39,151 31,503 26,492 28,800 26,130	16,495 17,717 16,622 15,768 13,069 10,306 (NA)	12,059 13,055 12,265 11,018 8,594 6,823 (NA)	13,277 13,442 12,647 12,365 9,840 9,363 (NA)	43,310 45,736 44,029 43,011 34,534 29,038 31,781 29,032	14,900 16,100 16,300 16,900 14,900 11,400 13,200	12,300 13,300 12,700 11,200 8,400 6,700 7,500 7,200	16,100 16,400 15,000 14,900 11,200 10,900 11,100 9,200
Durable goods industries: 1962. 1961. 1961. 1960. 1979. 1938. 1957. 1956.	33,891 32,231 31,953 31,495 29,893 31,605 30,410 26,439	10,637 10,323 10,367 10,682 10,052 10,827 10,674 9,429	13,881 13,026 12,609 12,854 12,236 12,777 12,255 10,735	9,373 8,882 8,977 7,959 7,605 8,001 7,481 6,275	32,340 31,230 30,810 30,264 27,873 31,137 30,591 26,609	8,250 8,130 8,200 8,500 7,700 8,500 8,500 7,600	13,040 12,560 12,100 12,100 11,300 12,700 12,700 11,000	11,050 10,540 10,660 9,600 9,000 9,900 9,000 9,000 8,000
1954	23,785 25,971 23,921 21,139 15,649 13,139 14,750 13,139	8,080 9,151 8,893 7,636 5,642 4,509 (NA)	9,735 10,708 9,780 8,407 6,210 4,963 (NA)	5,970 6,112 5,248 5,096 3,797 3,667 (NA)	24,133 26,272 24,428 22,815 16,768 13,956 15,725 14,267	6,700 7,700 7,500 7,600 6,200 4,700 5,800 5,300	9,800 10,700 10,100 8,600 5,900 4,700 5,300 5,100	7,600 7,900 6,800 6,600 4,600 4,500 4,600 3,900
Nondurable goods industries: 1962. 1961. 1961. 1999. 1939. 1937. 1936. 1955.	23,528 22,545 21,559 21,002 20,120 20,273 20,318 18,786	10,022 9,761 9,348 9,316 8,948 8,960 9,235 8,814	3,191 3,015 2,841 2,839 2,717 2,774 2,662 2,469	10,315 9,769 9,370 8,847 8,455 8,539 8,421 7,503	24,870 23,960 23,090 22,613 21,595 22,551 21,924 19,963	9,680 9,380 9,000 9,300 8,900 9,100 8,900 8,500	3,460 3,270 3,000 3,000 2,900 2,900 2,900 2,700	11,730 11,310 11,100 10,400 9,800 10,500 10,200 8,800
1954. 1953. 1952. 1951. 1950. 1969. 1969.	18,046 18,243 17,613 18,012 15,854 13,353 14,050 12,991	8,415 8,966 7,729 8,132 7,427 5,797 (NA) (NA)	2,324 2,347 2,485 2,611 2,384 1,860 (NA) (NA)	7,307 7,330 7,399 7,269 6,043 5,696 (NA)	19,177 19,464 19,601 20,196 17,765 15,082 16,056 14,765	8,200 8,400 8,800 9,300 8,700 6,700 7,400 7,300	2,500 2,600 2,600 2,600 2,500 2,500 2,000 2,200 2,100	8,500 8,500 8,200 8,300 6,600 6,400 6,500 5,300

NA Not available.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SI	EASONALLY	ADJUSTED					
1963												
All manufacturing industries, total,	33,542	34,114	34,244	34,578	34,836	34,942	35,641				1	
Durable goods industries, total	17,301	17,636	17,622	17,892	18,112	18,242	18,746					
Stone, clay, and glass products	934	947	914	941	948	948	962					
Primary metals, total. Blast furnaces, steel mills. All other primary metals.	2,753 1,426 1,327	2,803 1,488 1,315	2,887 1,565 1,322	3,015 1,679 1,336	3,191 1,838 1,353	3,148 1,807 1,341	3,159 1,815 1,344					
Fabricated metal products, total Metal cans, barrels, and drums	1,842 206	1,854 206	1,818 206	1,861	1,886 207	1,866 202	1,925 205					
Machinery, except electrical, total Engines and turbines. Farm machinery and equipment Construction, mining, and material	2,369 154 218	2,404 153 226	2,445 157 230	2,487 154 230	2,475 162 212	2,497 177 218	2,530 187 228					
handling equipment	384 180 195	409 189 185	417 188 203	429 176 207	437 177 206	448 173 200	436 170 190					
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	2,311	2,361	2,363	2,365	2,430	2,461	2,531					
apparatus Household appliances, including radio and TV.	478 520	488 535	488	479 540	507 565	512	527 600					
Communication equipment	545	574	563	603	591	592	622					
Transportation equipment, total Motor vehicles and parts Aircraft and parts	4,607 3,025 1,254	4,699 3,117 1,247	4,713 3,122 1,229	4,727 3,143 1,199	4,682 3,093 1,212	4,814 3,182 1,225	5,056 *3,284 1,337					
Instruments and related products All other durable goods industries	573 1,912	579 1,989	570 1,912	576 1,920	572 1,928	582 1,926	600 1,983					
Nondurable goods industries, total Food and kindred products, total Meat products	16,241 5,670 1,330	16,478 5,695 1,330	16,622 5,763 1,311	16,686 5,749 1,267	16,724 5,731 1,278	16,700 5,816 1,326	16,895 5,820 1,333					
Tobacco products	377 1,289	374 1,335	380 1,374	379 1,389	401 1,372	375 1,379	374 1,405					
Paper and allied products, total Pulp, paper, etc	1,334 580	1,336 584	1,333 586	1,336 581	1,347 594	1,328 587	1,379 601					
Chemicals and allied products, total Industrial chemicals, except pigments.	2,456 823	2,534 845	2,573 855	2,603 868	2,579 853	2,515 857	2,611 880					
Petroleum and coal products	1,385 728 3,002	1,454 757 2,993	1,439 773 2,987	1,453 788 2,989	1,486 748 3,060	1,482 752 3,053	1,462 793 3,051					
Was after notification & and a superior and	3,002	.,	2,501	2,707		_	NAL ADJUS	IMENT ¹		-	-	
All manufacturing industries, total.	31,223	34,718	35,060	35,436	35,002	36,527	32,744					
Durable goods industries, total	15,930	17,832	18,173	18,703	18,683	19,599	17,014					
Stone, clay, and glass products	724	799	850	975	1,029	1,069	999					
Primary metals, total	2,665 1,413 1,252	2,919 1,547 1,372	3,069 1,681 1,388	3,197 1,797 1,400	3,338 1,915 1,423	3,342 1,935 1,95	2,727 1,543 1,184					
Fabricated metal products, total	1,636	1,759	1,761	1,905	1,944	, 10	1,785				1	
Metel cans, barrels, and drums	164	179	190 2,631	203	211		224					
Machinery, except electrical, total Engines and turbines Farm machinery and equipment	2,153 144 204	2,504 158 251	188	159 304	2,605 176 241	2,742 217 237	2,301 146 210					
Construction, mining, and material handling equipment	337 154 172	409 193 191	432 207 209	477 184 212	481 180 208	492 197 217	418 146 182					
General industrial machinery Electrical machinery, total. Electrical transmission and distribu-	2,106	2,423	2,407	2,328	2,330	2,585	2,179					
tion equipment and industrial	425	506	499	492	501	550	458					
Household appliances, including radio and TV	473 489	549 590	568 581	481 611	510 574	623 629	51.6 542					
Transportation equipment, total Motor vehicles and parts	4,471 3,051 1,132	4,931 3,254 1,327	4,971 3,301 1,282	5,093 3,401 1,238	4,943 3,296 1,222	5,165 3,405 1,300	4,679 3,060 1,240					
Instruments and related products All other durable goods industries	510 1,665	587 1,910	575 1,909	571 1,948	566 1,928	614 2,063	524 1,820					
Nondurable goods industries, total Food and kindred products, total Meat products	15,293 5,397 1,277	16,886 5,815 1,399	16,887 5,748 1,270	16,733 5,655 1,290	16,319 5,656 1,254	16,928 5,961 1,370	15,730 5,637 1,292					
Tobacco products Textile mill products	344 1,158	359 1,383	361 1,391	365 1,379	412 1,318	401 1,452	390 1,201					
Paper and allied products, total Pulp, paper, etc	1,270 555	1,372 609	1,369 612	1,356 599	1,345 605	1,388 615	1,254 540					
Chemicals and allied products, total Industrial chemicals, except pigments.	2,340 754	2,539 851	2,627 879	2,768 931	2,695 912	2,632 914	2,396 809					
Petroluem and coal products	1,424 687 2,673	1,492 756 3,170	1,419 793 3,179	1,419 814 2,977	1,429 756 2,708	1,478 805 2,811	1,435 712 2,705					

All other mondurable goods industries. . 2,673 3,170 3,179 2,977 2,708 2,811 2,705

Adjusted for treding-day and calendar month variation.

**Casconally adjusted figures for motor whitele ascembly operations for July of 1,77% and for August of 1,468 "everaged." See discussion on page 19.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued (Millions or dollars)

		(Million	ns of do	llars)								
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962					SE	ASONALLY	ADJUSTEI)				
All manufacturing industries, total	32,937	33,044	33,643	33,663	33,476	33,046	33,329	33,462	33,167	33,241	33,673	32,945
Durable goods industries, total	17,027		17,578	17,505		16,937		17,325	16,993	17,119	17,162	16,832
Stone, clay, and glass products	939	926	926	985	1,002	973	974	962	961	973	981	890
Primary metals, total	3,005	3,079 1,758	3,133	3,017	2,833	2,700	2,690	2,697 1,393	2,637 1,375	2,704 1,387	2,753 1,438	2,705
Blast furnaces, steel mills	1,711	1,321	1,800	1,667 1,350	1,511	1,319	1,31	1,304	1,262	1,317	1,315	1,291
Fabricated metal products, total	1,843	1,839	2,001	1,848	1,875	1,849	1,84	1.844	1,840	1,875	1,887	1,764
Metal cans, barrels, and drums	203	204	206	199	211	211	206	199	203	192	194	186 2,361
Machinery, except electrical, total	2,197 127	2,299	2,343 168	2,368 147	2,457 157	2,422 165	2,420 156	2,463	172	2,326 154	164	168
Farm machinery and equipment	180	189	199	204	212	201	197	212	221	219	232	241
Construction, mining, and material handling equipment	350	365	375	401	416	411	401	406	394	397	401	385
Metalworking machinery	168 198	169 209	175 199	173 214	182 224	181	180 211	182 213	172 200	167 193	181	179 183
Electrical machinery, total,	2,259	2,284	2,333	2,376	2,377	2,305	2,349	2,284	2,248	2,271	2,282	2,270
Electrical transmission and distribution equipment and industrial apparatus	488	492	492	500	490	467	479	471	462	470	471	481
Household appliances, including radio and TV	479	481	485	512	529	519	548	536	515	518	529	506
Communication equipment	587	595	642	624	619	621	597	574	570	552	553	553
Transportation equipment, total	4,425 2,671	4,316 2,646	4,445 2,756	4,509 2,741	4,450 2,837	4,259 2,657	4,426 *2,869	4,628 *2,894	4,533 2,917	4,587	4,467 2,849	4,465 2,887
Aircraft and parts	1,462	1,384	1,369	1,456	1,301	1,259	1,215	1,402	1,259	1,254	1,276	1,252
Instruments and related products	549	552	558 1,839	543 1,859	541 1,866	556 1,873	557 1,910	552 1,895	574 1,825	555 1,828	566 1.855	574 1,803
Nondurable goods industries, total	1,810	1,828	16,065	16,158	16,075	16,109		16,137	16,174	16,122	16,511	16,113
Food and kindred products, total	5,463	5,507	5,521	5,615	5,490	5,557	5,555	5,608	5,614	5.576	5.767	5,653
Meat products	1,367	1,389	1,341	1,384	1,344	1,393	1,381	1,403	1,444	1,384	1,467	1,394
Tobacco products	381	386 1,240	379 1,226	372 1,265	375 1,259	380 1,246	376 1,262	376 1,262	383 1,316	368 1,270	372 1,276	371 1,281
Paper and allied products, total	1,296	1,294	1,314	1,295	1,286	1,316	1,318	1,311	1,334	1,329	1,342	1,339
Pulp, paper, etc	564	563	567	561	560	567	571	567	576	577	577	582
Chemicals and allied products, total	2,448	2,459	2,460	2,440 818	2,478	2,440	2,482 835	2,424	2,432	2,402	2,475	2,446 821
Industrial chemicals, except pigments Petroleum and coal products	1,440	1,415	1,445	1,427	1,450	1,448	1,433	1,430	1,420	1,434	1,468	1,374
Rubber and plastics products, nec	692	716 2,904	720 3,000	701	713 3,024	690	706 3.030	699 3,027	716 2,959	711	741	712
All other nondurable goods industries	2,707	2,704	3,000	3,042			AL ADJUS		6,222	2,000	12.000	
All manufacturing industries, total	30,728	22 600	34,439	2/ /27	33,532	34,509	20 570	32,685	34,509	34,851	34,168	31,603
Durable goods industries, total	15,683	17,342		18,230		18,202	15,521		17,353	17,722	17,456	16,489
Stone, clay, and glass products	730	786	863	1,018	1,086	1,097	1,012	1,090	1,065	1,075	964	745
	2,921	3,206	3,329	3,190	2,954	2,874	2,325	2,599	2,681	2,726	2,716	2,495
Primary metals, total. Blast furnaces, steel mills. All other primary metals.	1,696	1,828	1,930	1,777	1,567	1,462	1,167	1,368	1,402	1,401	1,398	1,268
Fabricated metal products, total	1,633	1,748	1,936	1,892	1,926	1,996	1,717	1,959	1,980	1,986	1,858	1,676
Metal cans, barrels, and drums	162	176	189	193	214	227	225	261	253	194	166	155
Machinery, except electrical, total	1,992	2,393	2,525	2,557 155	2,579 170	2,666	2,201 123	2,286	2,365 170	2,264	2,268 152	2,299
Engines and turbines	169	210	240	269	240	220	182	191	211	202	166	187
Construction, mining, and material handling equipment.	308	366	391	447	455	451	385	407	394	382	374	355
Metalworking machinery	143	172	193	181 219	185 226	206 237	154 201	159 213	176 204	169 196	181 190	189 176
General industrial machinery	175 2,061	216 2,349	2,377	2,333	2,271	2,420	2,011	2,218	2,433	2,409	2,402	2,329
Electrical machinery, total			1	1		1	1	1	1			1
equipment and industrial apparatus Household appliances, including radio and TV	435 438	510 498	503 500	512 455	483 469	504 542	416 461	445 542	496 608	481 575	472 581	505 465
Communication equipment	528	611	662	628	601	658	519	550	589	565	571	602
Transportation equipment, total	4,278 2,697	4,534 2,762	4,683	4,814 2,959	4,643	4,558 2,834	4,016 2,591	3,482 1,900	4,206 2,576	4,705 3,162	4,800 3,198	4,722 3,078
Motor vehicles and parts	1,317	1,474	1,424	1,501	1,311	1,339	1,128	1,273	1,279	1,209	1,283	1,332
Instruments and related products	490	562	563	539	536	588	486	534	622	576	581	611
All other durable goods industries	1,578	1,764	1,835	1,887	1,868	2,003 16,307	1,753	2,067 16,450	2,001 17,156	1,981	1,867	15,114
Nondurable goods industries, total	15,045	16,335 5,646	16,328	16,187 5,527	15,669 5,417	5,692	5,372	5,566	5,916	5,871	5,790	5,403
Food and kindred products, total	5,221 1,315	1,460		1,406	1,321	1,439	1,337	1,361	1,482	1,459	1,435	1,380
Tobacco products	349	370	360	359	386	406	392	391	391	367	387	362
Textile mill products	1,114	1,286	1,242	1,251	1,206	1,311	1,087	1,324	1,422	1,399	1,330	1,182
Paper and allied products, total	1,236 540	587	590	579	569	594	217	576	588	582	576	535
Chemicals and allied products, total	2,335	2,463	2,510	2,583 878	2,581	2,547 888	2,277 767	2,421	2,582	2,493	2,405	2,193 759
Industrial chemicals, except pigments	742	822	847		895	000		815				1,416
Petroleum and coal products	1,487 657	1,452 715	1,428	1,394	1,394 719	1,443 739	1,405 639	1,429 696	1,425 739	1,443 767	1,483 721	668
All other nondurable goods industries	2,646	3,076	3,199	3,033	2,683	2,796	2,689	3,270	3,293	3,407	3,261	2,656
1Adjusted for trading-day and calendar month variat	ion.											

1Adjusted for trading-day and calender month variation.
*Seasonally adjusted figures for notor vehicle assembly operations for July of 1,626 and for August of 1,585 "averaged." See discussion on page 19.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

		(Millio	ns of do	llare)								
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1961					SEA	SONALLY	ADJUSTED					
All manufacturing industries, total	29,207	29,418	29,968	30,023	30,514	31,000	30,689	31,377	31,624	31,777	32,056	32,680
Durable goods industries, total	14,472	14,461	14,791	15,042	15,374	15,697	15,414		16,014	16,042	16,327	16,765
Stone, clay, and glass products	837	830	904	842	904	967	939	975	961	930	959 2,837	933
Primary metals, total. Blast furnaces, steel mills.	2,333 1,254	2,299 1,212	2,310	2,461 1,326	2,656	2,690 1,496	2,739 1,526	2,796 1,586	2,825	2,824	1,565	1,664
Blast furnaces, steel mills	1,079	1,087	1,094	1,135	1,188	1,194	1,213	1,210	1,246	1,262	1,272	1,312
Fabricated metal products, total Metal cans, barrels, and drums	1,629: 180	1,599 193	1,685 202	1,715 199	1,726 198	1,793 206	1,723	1,790 204	1,721	1,744 200	1,775 206	1,857
Machinery, except electrical, total	2,071: 135 206	2,084 121 210	2,065 136 224	2,058 127 208	2,092 135 203	2,148 145 188	2,097 119 176	2,189 156 178	2,240 155 196	2,215 176 185	2,208 167 177	2,224 160 177
equipment, Metalworking machinery. General industrial machinery	353 157 184	363 152 178	349 142 181	341 153 184	346 153 182	359 157 189	362 160 196	379 170 194	409 178 204	371 166 202	337 170 205	363 160 215
Electrical machinery, total Electrical transmission and distribution	1,933	1,933	1,938	2,036	1,995	2,009	2,041	2,121	2,093	2,153	2,183	2,236 491
equipment and industrial apparatus. Howsehold appliances, including radio and TV Communication equipment	412 475	412 470	421 469	439 490	445 495	445 493	462 509	514 490	481 513	496 529	498 535	495 558
Transportation equipment, total, Motor vehicles and parts,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,586 2,065 1,221	3,603 2,060 1,245	3,704 2,052 1,333	3,770 2,177 1,303	3,796 2,214 1,288	3,884 2,324 1,279	3,727 2,189 1,271	3,738 2,131 1,330	3,957 2,326 1,336	3,920 2,267 1,344	4,050 2,429 1,318	4,127 2,494 1,321
Instruments and related products	467 1,616	489 1,624	509 1,676	496 1,664	510 1,695	504 1,702	502 1,646	513 1,715	518 1,699	524 1,732	1,781	545 1,867
Nondurable goods industries, total	14,735	14,957		14,981	15,140	15,303	15,275	15,540	15,610	15,735	15,729	15,915
Food and kindred products, total	5,276 1,336	5,380 1,369	5,338 1,354	5,340 1,371	5,448 1,323	5,327 1,300	5,369 1,332	5,388 1,283	5,470 1,342	5,502 1,390	5,382 1,320	5,456 1,411
Tobacco products	354 1,081	374 1,083	392	378 1,126	366 1,137	375 1,186	378	375 1,203	375 1,201	378 1,228	381	380 1,217
Paper and allied products, totalPulp, paper, etc	1,185 525	1,207	1,214	1,212	1,223 538	1,247 540	1,216	1,243	1,248 545	1,250 542	1,268	1,346 586
Chemicals and allied products, total	2,166 731	2,151 721	2,207 748	2,218 756	2,230 762	2,292 775	2,269 763	2,312 774	2,325 775	2,350 768	2,362 782	2,414 800
Petroleum and coal products	1,372 576 2,725	1,352 593 2,817	1,358 599 2,954	1,401 612 2,694	1,400 647	1,391 658	1,442	1,752	1,410 678 2,903	1,444	1,405 715	1,401
All other nondurable goods industries	2,725	2,817	2,954	2,694	2,689	658 2,827 SEASONA	630	678 2,889	2,903	2,900	715 2,988	3,019
							1	r				
All manufacturing industries, total Durable goods industries, total	27,294		30,633		30,505	32,341		30,956	32,951	33,308	32,546	31,353
Stone, clay, and glass products	13,320 656	14,656 711	850	865	15,725	16,846	13,821	15,113	16,395	16,614	16,624 943	16,430 781
Primary metals, total Blast furnaces, steel mills. All other primary metals.	2,270 1,243 1,027	2,393 1,260 1,133	2,449 1,301 1,148	2,592 1,407 1,185	2,754 1,515 1,239	2,869 1,593 1,276	2,365 1,297 1,068	2,697 1,54 1,143	2,869 1,607 1,262	2,850 1,579 1,271	2,803 1,526 1,277	2,748 1,499 1,249
Fabricated metal products, total	1,447	1,524	1,637	1,753	1,761	1,930	1,616	1,900	1,857	1,351	1,745	1,762
Metal cans, barrels, and drums	1,878	165 2,171	183	192 2,231	199 2,188	2,351	1,909	2,032	2,235	2,160	176 2,125	2,194
Engines and turbines	127 194 312	126 233 364	163 270 364	136 272	146 228 374	173 206	95 164	123 1o1	153 187	165 170	156 127	175 138
equipment. Netalworking machinery. General industrial machinery.	133 163	154 184	156 186	380 160 189	155 184	390 178 204	346 136 186	379 149 193	410 182 208	358 168 205	314 169 202	338 172 209
Electrical machinery, total. Electrical transmission and distribution	1,769	1,997	1,979	2,000	1,905	2,109	1,742	2,053	2,276	2,294	2,300	2,295
equipment and industrial apparatus. Household appliances, including radio and TV Communication equipment	402 377 430	464 435 482	456 441 483	475 399 490	441 401 478	487 462 520	395 384 441	437 513 469	481 572 533	473 556 547	471 547 555	514 459 604
Transportation equipment, total. Yotor vehicles and parts. Aircraft and parts. Instruments and related products. All other durable goods industries.	3,463 2,087 1,103 419 1,418	3,788 2,150 1,327 498 1,574	3,887 2,172 1,374 514 1,667	4,012 2,340 1,341 492 1,683	3,944 2,329 1,300 505 1,694	4,149 2,470 1,365 533 1,817	3,265 1,850 1,182 440 1,510	2,962 1,495 1,209 497 1,868	3,671 2,023 1,358 559 1,86	4,008 2,408 1,303 544 1,830	4,371 2,761 1,325 548 1,789	4,411 2,691 1,404 575 1,664
Nondurable goods industries, total	13,974	15,357			14,780	15,495	14,265	15,843	16,556	16,694	15,922	14,923
Food and kindred products. Meat products	5,044 1,287	5,513 1,435	5,314 1,316	5,253 1,390	5,365 1,304	5,451 1,342	5,192	5,355	5,767 1,377	5,785 1,462	5,410 1,291	5,224 1,395
Tobacco products	324 987	358 1,121	372 1,128	364 1,107	376 1,083	401 1,245	393 1,010	391 1,264	382 1,296	376 1,355	396 1,282	371 1,121
Paper and allied products, total. Pulp, paper, etc	1,134 505	1,238 558	1,242	1,230 554	1,221 547	1,300 564	1,103	1,284	1,298	1,305	1,263	1,238
Chemicals and allied products, total	2,070 677	2,152 725	2,250 768	2,344	2,321	2,391	2,087	2,310	2,477	2,439 780	2,291 757	2,158 739
Petroleum and coal products. Rubber and plastics products, nec	1,422 549 2,444	1,391 591 2,993	1,345 610 3,160	1,369 633 2,693	1,346 652 2,416	1,385 704 2,618	1,413 578 2,489	1,450 673 3,116	1,417 697 3,222	1,447 735 3,252	1,420 693 3,167	1,449 640 2,722

Adjusted for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1960					S	EASONALJ	ADJUSTE	D		,		
All manufacturing industries, total	31,885	31,451		31,146	30,772	30,850		30,268	30,714	30,324	29,796	30,116
Durable goods industries, total	16,855		16,339	16,052	15,957	15,835	15,850		15,587	15,257	14,921	15,123
Stone, clay, and glass products Primary metals, total	1,036	1,010	911	945	939	925	913	883	923	910	828	894 2,376
Blast furnaces, steel mills	3,303 2,101	3,129 1,908	3,065 1,795	2,812 1,616	2,737 1,536	2,596 1,413	2,589 1,421	2,476 1,321	2,517 1,329	2,403 1,299	2,362 1,260	1,232
	1,202	1,221	1,270	1,196	1,201	1,183	1,168	1,155	1,188	1,104	1,102	1,144
Fabricated metal products, total	1,741	1,798 186	1,731	1,695 187	1,733 186	1,761	1,756 175	1,704 179	1,720 177	1,673 170	1,672 177	1,739 194
Machinery, except electrical, total	2,207	2,155	2,149	2,202	2,224	2,171	2,236	2,110	2,117	2,125	2,064	2,077
Engines and turbines. Farm machinery and equipment.	159 192	138 185	158 179	165 178	156 187	145 184	151 180	141	152 171	164 181	171 172	176 178
Construction, mining, and material handling equipment	406	403	390	398	391	370	390	373	365	346	338	326
Metalworking machinery. General industrial machinery	166 193	165 199	158 188	156 199	158	157 212	167 203	149 202	167	161	165 182	151
Electrical machinery, total. Electrical transmission and distribution	1,948	1,877	1,993	1,926	1,910	2,000	2,000	1,950	2,027	1,923	1,960	1,979
equipment and industrial apparatus	445	446	472	462	453	470	483	438	477	431	440	461
Household appliances, including radio and TV Communication equipment	465 395	443 399	463 424	437 420	420 416	464 423	476 427	460 442	480 443	446 440	443 464	409 495
Transportation souirment total	4,408	4,437	4,273	4,215	4,175	4,121	4,124	4,044	4,086	4,042	3,877	3,829
Motor vehicles and parts	2,815	2,862 1,260	2,700 1,274	2,639 1,260	2,593 1,255	2,577	2,585 1,205	2,615	2,551	2,553 1,169	2,277	2,219
Instruments and related products	480	467	474	495	503	503	511	493	493	509	482	497
All other durable goods industries	1,732	1,746	1,743	1,762	1,736	1,758	1,721	1,707	1,704	1,672	1,676	1,732 14,993
Nondurable goods industries, total	15,030 5,227	14,832 5,038	14,907 5,113	15,094 5,189	14,815 5,118	15,015 5,244	15,016 5,269	14,901 5,168	15,127 5,244	15,067	14,875 5,170	5,266
Meat products	1,337	1,226	1,274	1,340	1,333	1,310	1,372	1,331	1,323	1,371	1,312	1,345
Tobacco products	352 1,195	339 1,159	361 1,157	359 1,159	363 1,209	370 1,188	375 1,145	364 1,104	358 1,129	366 1.094	367 1,083	362 1,111
Textile mill products	1,223	1,226	1,241	1,228	1,230	1,238	1,226	1,210	1,234	1,182	1,180	1,202
Pulp, paper, etc	562	549	554	2,229	556 2,175	2,201	2,197	2,202	2,179	523 2,234	525 2,198	
Industrial chemicals, except pigments	2,271 755	2,268 742	2,227 736	749	744	739	749	725	717	740	731	2,201 736
Petroleum and coal products	1,356	1,348	1,348	1,430 640	1,371 643	1,412 638	1,421	1,402	1,436	1,429	1,387 634	1,413
Rubber and plastics products, nec	2,727	2,771	2,818	2,860	2,706	2,724	2,780	2,831	2,903	2,867	2,856	2,816
					WITHOU:	SEASONA	L ADJUST	MENT ¹				
All manufacturing industries, total	29,996	32,133	31,967	31,762	30,700	32,111	28,199	29,713	31,937	31,820	30,289	28,928
Durable goods industries, total	15,702	16,909	16,826	16,649	16,251	16,948	14,168	14,525	15,893	15,857	15,232	14,844
Stons, clay, and glass products	820	872	861	969	1,004	1,039	941	1,000	1,015	1,006	813	749
Primary metals, total	3,233	3,252 1,979	3,245 1,913	2,956 1,706	2,825 1,576	2,782 1,523	2,235	2,382 1,289	2,553 1,350	2,427	2,337	2,206 1,116
All other primary metals	1,153	1,273	1,332	1,250	1,249	1,259	1,026	1,093	1,203	1,115	1,105	1,090
Fabricated metal products, total Metal cans, barrela, and drume	1,568	1,735	1,693	1,731	1,752 183	1,888	1,645	1,800	1,855	1,782	1,649 152	1,644
Machinery, except electrical, total	2,006	2,251	2,312	2,374	2,311	2,373	2,030	1,957	2,114	2,076	1,980	2,059
Engines and turbines. Farm machinery and equipment	149 182	147 206	189 214	178 231	168 210	168	120 169	111 157	150 163	154 165	158 124	183 140
Construction, mining, and material handling	363	408	407	441	412	401	372	372	365	335	316	309
equipment	140	168	173	164	161	177	141	131	170	163	164 179	166 178
General industrial machinery	171	206 1,957	194	1,885	1,817	2,092	1,696	1,878	2,214	2,054	2,060	2,031
Electrical machinery, total Electrical transmission and distribution		1	481	469	445	508	419	417	509	443	445	481
equipment and industrial apparatus Household appliances, including radio and TV	401 435	462 482	480	401	381	477	389	449	570	496	479	381
Communication equipment	360	409	4,469	415	397 4,315	4,368	366 3,590	423 3,179	466 3,739	462	4,209	532 4,094
Transportation equipment, total. Motor vehicles and parts	4,307 2,864	4,669 2,996	2,847	2,815	2,695	2,705	2,187	1,871	2,193	2,713	2,621	2,403
Aircraft and parts	1,177	1,344	1,303	1,288	1,269	1,327	1,122	1,046	1,249	1,144	1,302	1,376
Instruments and related products	1,536	1,697	1,740	1,786	1,729	1,873	1,572	1,850	1,874	1,816	1,686	1,543
Nondurable goods industries, total	14,294	15,224	15,141	15,113	14,449	15,163	14,031		16,044	15,963	15,057	14,084
Food and kindred products, total	5,001 1,289	5,166 1,281	5,087 1,240	5,098 1,357	5,038 1,317	5,358 1,351	5,096 1,325	5,132 1,298	5,528 1,356	5,530 1,440	5,206 1,284	5,052 1,329
Toyatla mill moduate	322	324	343	346	372	395	390	380	366	365	381	355
textite mili broadara	1,101	1,205	1,175	1,136	1,143	1,232	994	1,158	1,220	1,206	1,133	1,024
Paper and allied products, totalPulp, paper, etc	1,176 543	1,257 572	1,268 571	1,247 571	565	577	492	549	553	537	525	493
Chemicals and allied products, total	2,175 704	2,266 745	2,269 755	2,362 796	2,265 785	2,290 780	2,022 689	2,200 718	2,328	2,315 753	2,130 709	1,963 680
Industrial chemicals, except pigments Petroleum and coal products	1,404	1,387	1,339	1,399	1,317	1,402	1,391	1,398	1,440	1,420	1,402	1,465
Rubber and plastics products, nec	652 2,463	681	652	662 2,863	646 2,440	683 2,518	566 2,464	614	658	670 3,219	610 3,017	583 2,538
All other nondurable goods industries	,400	, //0	,000					-,001		,		

¹Adjusted for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1959					SEA	SONALLY	ADJUSTED					
All manufacturing industries, total	29.158	29,925	30,160	31,163	31,713	31,466	31,114	29,302	29,224	29,228	29,054	31,046
Durable goods industries, total	14,860	15,536		16,397	16,693	16,739	16,195		14,444	14,589	14,400	16,184
Stone, clay, and glass products	889	928	955	966	958	954	952	967	915	899	874	975
	2,662	2,933 1,775	3,124	3,386	3,544	3,636	2,521	1,623	1,599	1,626	2,449	3,394
Primary metals, total	1,548	1,775	1,949	2,129 1,257	2,260	2,351 1,285	1,255	478 1,145	1,120	1,119	1,336	2,227
Fabricated metal products	1,699	1,700	1,743	1,789	1,786	1,751	1,788	1,706	1,766	1,732	1,654	1,794
Machinery, except electrical, total	1,991 206	2,069 216	2,107	2,116	2,143 228	2,179 225	2,208 235	2,160 222	2,158 188	2,192 196	2,163 195	2,223 196
Electrical machinery, total Electrical transmission and distribution	1,722	1,805	1,802	1,837	1,895	1,854	1,929	1,949	1,965	1,951	1,905	1,901
equipment and industrial apparatus Household appliances, including radio and TV	427 447	429 496	444 477	446 504	457 530	438 497	486 464	468 465	482 465	474 457	465 407	438 438
Transportation equipment, total	3,767 2,233	3,916 2,323	3,855 2,391	4,074 2,510	4,088 2,454	4,112 2,497	4,457 2,702	3,983	3,802	3,965 2,330	3,193 1,563	3,733 2,117
Aircraft and parts	1,218	1,292	1,187	1,273	1,307	1,282	1,411	1,393	1,334	1,358	1,344	1,298
Instruments and related products	1,686	449 1,736	453 1,716	449 1,780	468 1,811	466 1,787	477 1,863	1,769	450 1,789	1,764	1,713	1,704
Nondurable goods industries, total	14,298	14,389	14,405	14,766	15,020	14,727	14,919	14,684	14,780	14,639	14,654	14,862
Food and kindred products. Tobacco products. Textile mill products.	5,037 344	5,042 341	4,994 338	5,008 337	5,205 334	5,055	5,036 314	5,055 324	5,044 336	5,140 344	5,151	5,132 351
Textile mill products	1,122	1,167	1,167	1,212	1,225	1,179	1,207	1,190	1.148	1,132	1.155	1,173
Paper and allied products. Chemicals and allied products. Petroleum and coal products.	1,147	1,170	1,166	1,230	1,227	1,193	1,267	1,226	1,237	1,162	1,190	1,192
Chemicals and allied products	2,005	2,037	2,109	2,204	2,203	2,209	2,254	2,229	2,277	2,238	2,217	2,312
Petroleum and coal products	1,373	1,390 619	1,367	1,349	1,341	1,331	1,324	1,333	1,408	1,318	1,367	1,358
Rubber and plastics products, nec	2,634	2,623	2,624	2,753	2,826	2,787	2,864	2,714	2,673	2,648	2,623	2,721
All Other nominable goods industries	2,054	2,023	2,024	2,100			ONAL ADJ	1		2,000	2,023	2,122
				T	WIII	NUUI OLAL	UNAL ADV	OSTPENT.				_
All manufacturing industries, total	27,639	30,692	30,885	31,772	31,525	32,675	28,356	28,844	30,435	30,701	29,398	29,701
Durable goods industries, total	13,992	15,893	16,267	16,976	16,902	17,869	14,440	13,889	14,780	15,218	14,558	15,746
Stone, clay, and glass products	715	81.2	910	988	1,016	1,066	973	1,092	1,004	995	860	818
Primary metals, total	2,606 1,531	3,043 1,835	3,304	3,553	3,640 2,312	3,927 2,563	2,177	1,549	1,618	1,644	2,426 1,309	3,151 2,042
All other primary metals	1,075	1,208	1,232	1,315	1,328	1,364	1,108		1,132	1,132	1,117	1,109
Fabricated metal products	1,546	1,659	1,715	1,827	1,788	1,869	1,676	1 '	1,908	1,848	1,627	1,667
Machinery, except electrical, total Farm machinery and equipment	1,821	2,174 242	2,275 263	2,297 279	2,224 255	2,372 248	2,000	1,993 202	2,156 179	2,141	2,07 1 142	2,208 156
Electrical machinery, total Electrical transmission and distribution	1,605	1,901	1,849	1,796	1,787	1,933	1,621	1,865	2,152	2,094	1,999	1,940
equipment and industrial apparatus	387 428	444 556	453 505	451 4°2	446 479	471 507	422 368	448 438	512 551	489 510	472 439	454 409
Transportation equipment, total	3,784	4,148		4,269 2,653	4,187	4,313	3,887	3,237	3,490 1,843	4,105 2,498	3,397	3,974 2,284
Aircraft and parts	2,377	2,457 1,376	2,536 1,205	1,293	2,511	2,572 1,375	2,271	1,674	1,348	1,340	1,351	1,371
Instruments and related products	402 1,513	458 1,698	456 1,721	446 1,800	462 1,798	494 1,895	422 1,693	1,906	481 1,971	481 1,910	1,711	1,518
Nondurable goods industries, total		14,799			14,623		1	14,955	1	15,483	14,840	13,955
Food and kindred products. Tobacco products. Textile mill products.	4,824 314	5,182 326	320	4,920 326	5,116 343	352	4,868	5,026	5,320 344	5,388 342	5,214 373	4,926 345
Textile mill products.	1,040	1,217	1,187	1,183	1,147	1,206	1.043	1.245	1.244	1,250	1.208	1.083
Paper and allied products	1,107	1,200	1 1,190	1,250	1,225	1.234	1,141	1,264	1,280	1,222	1,194	1,096
Paper and allied products, Chemicals and allied products, Petroleum and coal products.	1,929	2,035	2,148	2,336	2,289	2,292	2,076	2,230	2,439	2,317	2,148	2,059
Petroleum and coal products	1,422	1,434	1,359	1,321	1,286	1,323	1,293	1,326	1,406	1,298	1,382	1,413
Rubber and plastics products, nec	2,397			2,765	2,557	2,557	2,535		2,957	2,961	2,755	2,449
war other hondreadte goods made dries,,,,,,,,,	1 2,091	1 6,700	1 2,000	2,100	, 2,007	1 6,00	2,000	1 6,761	1 6,707	1 2,701	4,100	2,

¹Adjusted for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

			(Mil	ions of d	ollars)							
Industry group	Jan.	Feb.	March	April	May	June	July	^ug.	Sept.	Oct.	Nov.	Dec.
1958						SEASONALL	Y ADJUSTE	D				
All manufacturing industries, total.	27,117	26,670	26,163	25,959	26,337	26,951	27,099	27,473	27,748	28,307	28,662	28,697
Durable goods industries, total	13,830	13,311	12,891	12,629	12,737	13,214	13,208	13,447	13,937	14,321	14,531	14,605
Stone, clay, and glass products	794	753	742	762	776	797	816	823	891	846	868	861
Primary metals, total	2,352 1,389 963	2,136 1,211 925	2,041 1,140 901	2,007 1,135 872	2,010 1,149 861	2,270 1,327 943	2,178 1,207 971	2,349 1,328 1,021	2,447 1,374 1,073	2,629 1,505 1,124	2,531 1,444 1,087	2,633 1,525 1,108
Fabricated metal products	1,595	.1,584	1,531	1,464	1,514	1,564	1,611	1,641	1,717	1,663	1,662	1,640
Machinery, except electrical, total Farm machinery and equipment	1,989 194	1,938 187	1,938 194	1,880 211	1,861 196	1,897 220	1,841 220	1,837 210	1,895 222	1,883 209	1,899 183	1,905 186
Electrical machinery, total Electrical transmission and distribution equipment and industrial	1,546	1,515	1,498	1,459	1,488	1,562	1,576	1,681	1,664	1,696	1,775	1,726
apparatus. Household appliances, including radio	398	370	369	359	366	388	388	421	416	420	416	413
and TV	393	388	386	365	372	404	411	428	419	428	511	473
Transportation equipment, total Motor vehicles and parts Aircraft and parts	3,593 1,942 1,293	3,465 1,795 1,333	3,283 1,640 1,309	3,168 1,565 1,275	3,179 1,635 1,281	3,211 1,642 1,268	3,189 1,648 1,290	3,065 1,476 1,297	3,251 1,713 1,282	3,510 1,969 1,288	3,667 2,064 1,276	3,730 2,194 1,246
Instruments and related products All other durable goods industries	359 1,602	383 1,537	360 1,498	361 1,528	361 1,548	368 1,545	384 1,613	409 1,642	410 1,662	410 1,684	427 1,702	431 1,680
Nondurable goods industries, total	13,287	13,359	13,272	13,330	13,600	13,737	13,891	14,026	13,811	13,986	14,131	14,091
Food and kindred products Tobacco products Textile mill products Paper and allied products Chemicals and allied products When a products Rubber and plactics products All other nondurable goods industries	4,770 318 1,010 1,065 1,861 1,284 526 2,453	4,896 304 1,017 1,051 1,827 1,330 502 2,432	4,916 319 1,006 1,032 1,819 1,267 497 2,416	4,932 319 994 1,027 1,845 1,224 517 2,472	5,066 317 971 1,041 1,897 1,288 522 2,498	5,056 322 1,008 1,052 1,951 1,288 549 2,511	5,017 326 1,037 1,091 1,979 1,297 578 2,566	5,141 329 1,046 1,109 1,993 1,329 557 2,522	4,931 318 1,036 1,113 1,997 1,312 548 2,556	4,977 335 1,052 1,141 2,017 1,321 589 2,554	5,121 327 1,112 1,132 2,026 1,317 577 2,519	4,984 335 1,099 1,124 1,970 1,369 642 2,568
					WIT	OUT SEASO	NAL ADJUS	TMENT1				
All manufacturing industries, total.	25,753	27,461	26,783	26,391	26,071	27,86/	24,897	27,365	28,788	29,274	29,071	27,638
Durable goods industries, total	13,033	13,700	13,315	13,053	12,834	14,099	11,924	13,100	14,163	14,491	14,763	14,380
Stone, clay, and glass products	647	668	715	777	819	886	823	923	976	936	854	724
Primary metals, total Blast furnaces, steel mills All other primary metals	2,305 1,371 934	2,214 1,247 967	2,152 1,207 945	2,097 1,185 912	2,060 1,174 886	2,461 1,464 997	1,882 1,032 850	2,252 1,282 970	2,472 1,389 1,083	2,656 1,516 1,140	2,507 1,415 1,092	2,468 1,415 1,053
Fabricated metal products	1,468	1,554	1,508	1,493	1,501	1,666	1,518	1,723	1,853	1,774	1,635	1,510
Machinery, except electrical, total Farm machinery and equipment	1,817	2,039 210	2,095 228	2,040 267	1,924 219	2,061 244	1,665 209	1,689 192	1,890 212	1,840 186	1,814 135	1,894 149
Electrical machinery, total	1,451	1,601	1,541	1,433	1,405	1,626	1,309	1,607	1,823	1,821	1,853	1,752
apparatus. Household appliances, including radio	363	382	376	362	357	414	337	406	443	436	423	427
and iv	- 383	444	411	351	340	411	316	398	490	470	540	441
Transportation equipment, total Motor vehicles and parts Aircraft and parts	3,567 2,054 1,183	3,723 1,954 1,417	3,427 1,750 1,321	3,311 1,666 1,288	3,246 1,663 1,304	3,382 1,690 1,364	2,928 1,505 1,205	2,752 1,297 1,183	2,877 1,334 1,294	3,209 1,686 1,280	3,946 2,353 1,284	4,095 2,488 1,310
Instruments and related products All other durable goods industries	326 1,452	390 1,511	362 1,515	358 1,544	355 1,524	390 1,627	341 1,458	399 1,755	438 1,834	430 1,825	447 1,707	435 1,502
Nondurable goods industries, total	12,720	13,761	13,468	13,338	13,237	13,765	12,973	14,265	14,625	14,783	14,308	13,258
Food and kindred products Tobacop products Textile mill products Fepre and alled products Chemicals and alled products Petroleum and coal products Rubber and plastice products, nec. All other modurable goods industries.	4,566 289 943 1,031 1,803 1,328 511 2,249	5,034 290 1,067 1,077 1,829 1,377 501 2,586	4,879 302 1,026 1,053 1,857 1,261 500 2,590	4,834 308 970 1,044 1,954 1,200 534 2,494	4,974 325 904 1,039 1,965 1,234 521 2,275	5,138 343 1,015 1,084 2,016 1,283 587 2,299	4,839 339 899 981 1,821 1,265 564 2,265	5,102 343 1,097 1,141 1,994 1,322 548 2,718	5,198 327 1,128 1,150 2,139 1,306 552 2,825	5,222 333 1,164 1,206 2,083 1,293 631 2,851	5,195 339 1,166 1,139 1,959 1,332 549 2,629	4,799 330 1,016 1,030 1,754 1,430 602 2,297

Adjusted for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

	(Millions of dollars)											
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957						SEASONALL	y adjuste	D				
All manufacturing industries, total.	29,268	29,487	29,292	28,723	28,638	28,769	28,824	29,292	28,591	28,455	28,193	27,231
Durable goods industries, total	15,678	15,755	15,595	15,318	15,188	15,323	15,252	15,623	15,175	15,069	14,800	14,047
Stone, clay, and glass products	835	840	847	797	825	816	799	830	7 3 9	776	817	778
Primary metals, total Blast furnaces, steel mills All other primary metals.	3,214 1,997 1,217	3,170 1,979 1,191	3,150 1,951 1,199	3,035 1,876 1,159	2,923 1,769 1,154	3,024 1,877 1,147	2,969 1,841 1,128	2,954 1,804 1,150	2,817 1,729 1,088	2,794 1,720 1,074	2,701 1,674 1,027	2,505 1,536 969
Fabricated metal products	1,703	1,721	1,702	1,756	1,673	1,633	1,635	1,668	1,679	1,681	1,663	1,600
Machinery, except electrical, total Farm machinery and equipment	2,121 172	2,122 167	2,072 170	2,036 160	2,012 166	2,039 179	2,004 184	2,087 184	2,102 198	2,063 180	2,079 198	2,074 191
Electrical machinery, total Electrical transmission and	1,648	1,777	1,736	1,672	1,687	1,717	1,667	1,690	1,624	1,649	1,654	1,507
distribution equipment and industrial apparatus	489	526	490	494	491	484	465	463	424	445	438	366
Household appliances, including radio and TV	411	470	483	430	421	449	418	437	440	430	449	408
Transportation equipment, total Motor vehicles and parts	4,083 2,494 1,248	4,062 2,508 1,231	4,033 2,478 1,229	3,936 2,405 1,209	3,955 2,358 1,274	3,900 2,258 1,332	4,068 2,382 1,339	4,286 2,571 1,343	4,173 2,511 1,297	4,053 2,269 1,403	3,869 2,210 1,303	3,692 1,992 1,383
Instruments and related products All other durable goods industries	384 1,690	372 1,691	371 1,684	387 1,699	399 1,714	397 1,797	393 1,717	388 1,720	379 1,662	377 1,676	396 1,621	365 1,526
Nondurable goods industries, total	13,590	13,732	13,697	13,405	13,450	13,446	13,572	13,669	13,416	13,386	13,393	13,184
Food and kindred products. Tosaco products. Tostile sell; products. Pertile sell; products. Paper and selled products. Chemicals and selled products. Petroleum and coal products. Rubber and plastics products, nec. All other nondurable goods industries.	4,700 298 1,125 1,105 1,941 1,459 556 2,406	4,717 292 1,141 1,082 1,955 1,428 574 2,543	4,714 290 1,123 1,090 1,968 1,447 564 2,501	4,583 284 1,058 1,097 1,887 1,397 553 2,546	4,587 297 1,070 1,099 1,957 1,371 536 2,533	4,605 317 1,046 1,082 1,930 1,356 534 2,576	4,672 291 1,052 1,082 1,958 1,357 565 2,595	4,703 302 1,077 1,122 1,964 1,351 594 2,556	4,624 299 1,038 1,108 1,910 1,311 543 2,583	4,604 302 1,050 1,101 1,929 1,328 550 2,522	4,687 299 1,057 1,103 1,931 1,304 525 2,487	4,717 309 994 1,036 1,862 1,277 513 2,476
					WI	THOUT SEAS	ONAL ADJI	STMENT1				
All manufacturing industries, total.	27,955	30,459	30,138	29,304	28,345	29,701	26,329	29,000	29,321	29,401	28,624	26,260
Durable goods industries, total	14,893	16,317	16,212	15,875	15,263	16,265	13,679	15,069	15,125	15,237	15,058	13,853
Stone, clay, and glass products	688	755	822	81.2	866	900	796	927	811	859	804	656
Primary metals, total	3,159 1,969 1,190	3,281 2,034 1,247	3,317 2,060 1,257	3,161 1,947 1,214	2,987 1,804 1,183	3,289 2,078 1,211	2,560 1,580 980	2,825 1,730 1,095	2,836 1,741 1,095	2,825 1,732 1,093	2,678 1,644 1,034	2,372 1,450 922
Fabricated metal products	1,589	1,712	1,701	1,789	1,647	1,732	1,542	1,749	1,805	1,795	1,629	1,449
Machinery, except electrical, total Farm machinery and equipment	1,941 165	2,225 188	2,234 199	2,191 201	2,071 185	2,213 199	1,806 176	1,919 169	2,102 189	2,023 159	1,985 147	2,080 154
Electrical machinery, total Electrical transmission and distribution equipment and industrial	1,555	1,889	1,794	1,657	1,594	1,774	1,374	1,602	1,778	1,777	1,732	1,535
apparatus. Household appliances, including radio	450	542	498	496	477	513	403	448	452	463	448	377
and TV	404	546	520	429	388	447	313	393	506	476	481	384
Transportation equipment, total Motor vehicles and parts Aircraft and parts	4,063 2,604 1,143	4,402 2,755 1,310	4,257 2,670 1,240	4,162 2,590 1,225	4,027 2,387 1,297	4,057 2,287 1,435	3,710 2,155 1,252	3,847 2,270 1,229	3,556 1,894 1,307	3,741 1,979 1,394	4,188 2,537 1,312	4,027 2,251 1,448
Instruments and related products All other durable goods industries	351 1,547	380 1,673	373 1,714	384 1,719	392 1,679	420 1,880	350 1,541	378 1,822	402 1,835	398 1,819	415 1,627	365 1,369
Nondurable goods industries, total	13,062	14,142	13,926	13,429	13,082	13,436	12,650	13,931	14,196	14,164	13,566	12,407
Food and kindred products. Tobacco products. Textle sail products. Pepre and allied products. Chemicals and allied products. Rubber and plastice products. Rubber and plastice products, nec, All other nondurable goods industries.	1,503	4,839 279 1,199 1,107 1,961 1,478 573 2,706	4,672 275 1,148 1,113 2,020 1,441 566 2,691	4,488 274 1,032 1,116 2,004 1,371 571 2,573	4,499 304 982 1,099 2,032 1,314 533 2,319	4,678 338 1,043 1,111 1,990 1,357 571 2,348	4,508 302 902 969 1,802 1,322 560 2,285	4,666 316 1,126 1,154 1,965 1,343 585 2,776	4,874 308 1,135 1,142 2,039 1,302 545 2,851	4,843 300 1,166 1,167 1,986 1,296 589 2,817	4,777 309 1,111 1,114 1,867 1,317 495 2,576	4,543 305 924 950 1,655 1,338 481 2,211

 $^{^{1}\}mbox{Adjusted}$ for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

			(14444	0125 01 00	LLGIO,							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1956					SEASO	NALLY ADJ	USTED					
All manufacturing industries, total.	27,248	27,034	27,329	27,751	27,553	27,966	25,684	27,354	27,980	28,560	28,767	29,185
Durable goods industries, total	14,572	14,414	14,430	14,761	14,555	14,833	13,010	14,374	14,837	15,314	15,376	15,645
Stone, clay, and glass products	778	791	794	792	777	771	752	804	781	869	827	813
Primary metals, total	3,151 1,830 1,321	3,155 1,861 1,294	3,219 1,913 1,306	3,234 1,930 1,304	3,138 1,860 1,278	3,199 1,980 1,219	1,632 404 1,228	2,707 1,495 1,212	3,219 1,969 1,250	3,268 2,007 1,261	3,277 2,027 1,250	3,206 1,997 1,209
Fabricated metal products	1,585	1,574	1,569	1,605	1,582	1,596	1,456	1,590	1,586	1,677	1,686	1,630
Machinery, except electrical, total Farm machinery and equipment	1,875 172	1,878 165	1,938 161	1,988 157	1,926 155	1,978 151	1,973 162	2,103 176	2,082 193	2,123 185	2,115 166	2,133 178
Electrical machinery, total Electrical transmission and distribution equipment and industrial	1,476	1,413	1,429	1,609	1,693	1,759	1,714	1,622	1,656	1,617	1,680	1,801
apparatus	331	328	317	399	461	498	467	437	450	459	516	538
and TV	503	456	487	513	476	476	484	444	476	439	412	474
Transportation equipment, total Motor vehicles and parts Aircraft and parts	3,572 2,392 920	3,471 2,272 910	3,356 2,220 849	3,451 2,188 968	3,378 2,067 1,028	3,445 2,077 1,085	3,393 2,056 1,031	3,430 2,020 1,149	3,401 2,010 1,149	3,645 2,155 1,175	3,732 2,166 1,255	4,003 2,365 1,323
Instruments and related products All other durable goods industries	346 1,789	339 1,793	345 1,780	344 1,738	341 1,720	342 1,743	351 1,739	363 1,755	360 1,752	381 1,734	370 1,689	388 1,671
Nondurable goods industries, total	12,676	12,620	12,899	12,990	12,998	13,133	12,674	12,980	13,143	13,246	13,391	13,540
Pood and kindred producta Tobacco producta Textile mill products Paper and allied products Chemicals and allied products Rubber and plastics products Rubber and plastics products, nec. All other nondurable goods industries	4,230 276 1,124 1,053 1,824 1,234 528 2,407	4,291 280 1,073 1,060 1,800 1,250 521 2,345	4,462 280 1,099 1,076 1,795 1,324 540 2,323	4,509 279 1,072 1,076 1,834 1,289 549 2,382	4,433 290 1,112 1,073 1,880 1,291 542 2,377	4,592 275 1,112 1,085 1,839 1,307 549 2,374	4,438 276 1,025 1,070 1,810 1,254 528 2,273	4,541 288 1,054 1,075 1,856 1,282 534 2,350	4,613 287 1,087 1,051 1,897 1,303 529 2,376	4,579 291 1,135 1,068 1,885 1,288 527 2,473	4,569 287 1,088 1,081 1,889 1,335 546 2,596	4,650 289 1,100 1,076 1,932 1,386 566 2,541
					VITHOU	T SEASON	L ADJUSTM	ENT ¹				
All manufacturing industries, total.	26,055	27,947	28,174	28,343	27,223	28,784	23,424	27,117	28,876	29,630	29,176	28,126
Durable goods industries, total	13,875	14,946	15,047	15,334	14,581	15,672	11,626	13,915	14,984	15,582	15,618	15,396
Stone, clay, and glass products	647	720	779	805	811	845	741	892	855	959	816	688
Primary metals, total	3,098 1,803 1,295	3,264 1,911 1,353	3,384 2,016 1,368	3,359 1,996 1,363	3,196 1,892 1,304	3,464 2,184 1,280	1,415 348 1,067	2,586 1,429 1,157	3,232 1,977 1,255	3,311 2,025 1,286	3,258 1,997 1,261	3,057 1,903 1,154
Fabricated metal products	1,489	1,574	1,575	1,633	1,548	1,685	1,374	1,668	1,710	1,794	1,654	1,466
Machinery, except electrical, total Farm machinery and equipment	1,722 165	1,975 186	2,091 187	2,130 195	1,984 172	2,142 169	1,762 155	1,936 161	2,082 184	2,088 162	2,027 124	2,149 145
Electrical machinery, total Electrical transmission and	1,407	1,519	1,494	1,608	1,596	1,809	1,397	1,525	1,803	1,743	1,754	1,837
distribution equipment and industrial apparatus	306	337	321	400	447	524	405	424	478	481	530	554
and TV	497	535	533	530	443	472	358	388	534	482	439	448
Transportation equipment, total	3,547 2,463 842	3,765 2,494 969	3,562 2,399 859	3,693 2,384 992	3,431 2,083 1,045	3,553 2,077 1,171	3,073 1,842 965	3,101 1,803 1,054	2,991 1,602 1,155	3,394 1,930 1,160	4,023 2,460 1,265	4,314 2,605 1,381
Instruments and related products All other durable goods industries	316 1,649	347 1,782	347 1,815	341 1,765	334 1,681	362 1,812	313 1,551	355 1,852	381 1,930	404 1,889	391 1,695	385 1,500
Nondurable goods industries, total	12,180	13,001	13,127	13,009	12,642	13,112	11,798	13,202	13,892	14,048	13,558	12,730
Food and Mindred products. Tobacco products. Tobacco products. Tobacco products. Tobacco products. Paper and allied products. Chemicals and allied products. Petroleum and coal products. Rubber and plastics products, nec.	4,072 251 1,062 1,023 1,771 1,263 518 2,220	4,402 267 1,131 1,084 1,807 1,293 521 2,496	4,421 265 1,125 1,100 1,853 1,320 540 2,503	4,398 269 1,043 1,096 1,958 1,263 566 2,416	4,334 297 1,015 1,074 1,951 1,236 537 2,198	1,103 1,110 1,891 1,311 586	4,279 287 873 957 1,668 1,220 527 1,987	4,508 302 1,106 1,105 1,854 1,273 528 2,526	4,865 296 1,195 1,080 2,018 1,293 529 2,616	1,268 1,135 1,934 1,263 563	4,665 297 1,144 1,094 1,826 1,348 511 2,673	4,485 286 1,024 985 1,717 1,456 531 2,246

Adjusted for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

(Millions of dellars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1955					SE	ASONALLY	ADJUSTED					
All manufacturing industries, total.	24,984	25,340	26,006	26,303	24,451	26,754	26,537	26,439	27,198	26,979	27,297	27,630
Durable goods industries, total	12,945	13,280	13,731	13,971	14,068	14,250	14,094	14,084	14,626	14,467	14,662	14,8 0
Stone, clay, and glass products	687	679	719	719	726	737	732	735	756	753	771	826
Primary metals, total	2,347	2.459	2,544	2,682	2,728	2,764	2.712	2.836	3,044	3,010	3,097	3,202
Blast furnaces, steel mills	1,332	2,459 1,395 1,064	1,463 1,081	1,593	1,651	1,660 1,104	2,712 1,699 1,013	2,836 1,721 1,115	1,802 1,242	1,763	1,836	1,84. 1,356
Fabricated metal products	1,318	1,340	1,402	1,428	1,430	1,446	1,488	1,504	1,489	1,541	1,568	1,622
Machinery, except electrical, total Farm machinery and equipment	1,584 179	1,052	1,620 170	1,038 180	1,650 184	1,719	1,715 180	1,761 186	1,704 159	1,798	1,884	1,911
Electrical machinery, total Electrical transmission and	1,452	1,404	1,485	1,505	1,538	1,548	1,498	1,472	1,515	1,515	1,41.	1,470
distribution equipment and industrial apparatus	348	3.1	364	350	3.3	355	331	339	359	359	324	339
Household appliances, including radio and TV.	477	455	450	491	479	490	480	448	452	465	436	455
	3,588	3,675	3,882	4,030	3,978	3,875			1			
Transportation equipment, total Motor vehicles and parts Aircraft and parts	2,328 1,003	2,502 967	2,652 907	2,879 922	2,792 922	2,696 944	3,903 2,739 94	3,665 2,575 848	3,931 2,734 954	3,763 2,641 898	3,774 2,630 808	3,356 2,495 396
Instruments and related products All other durable goods industries	293 1,076	311 1,593	310 1,7.9	311 1,658	310 1,708	322 1,839	325 1,721	332 1,7/9	339 1,788	33. 1,751	348 1,804	348 1,325
Nondurable goods industries, total	12,039	12,0.0	12,275	12,332	12,383	12,504	12,443	12,355	12,572	12,512	12,635	12,770
Food and kindred products	4,200	4,197 273	4,192	4,310	4,283	4,373	4,389	4,243	4,300	4,278	4,229	4,313
Tobacco products	1,042	1,050	1,083	1,091	1,099	283 1,118	274 1,099	1,094 981	286 1,128	1,089	1,147	281
Paper and allied products	923 1,650	930 1,673	958	1,74	974	987	987	981	1,008	1,013	1,031	1,062
Petroleum and coal products	1,139	1,162	1,150	1,155	1,156	1,173	1,1 -5	1,178	1,215	1,224	1,235	1,801 1,263 550
Rubber and plastics products, nec All other nondurable goods industries	2,300	521 2,254	525 2,377	523 2,259	2,312	522 2,304	536 2,294	2,323	2,324	2,323	2,353	550 2,35
				1		JI SEASONA			-,	1 -3,	1 2,000	
		1			T		I			I	T	
All manufacturing industries, total.	23,937	26,236	26,883	26,795	26,072	27,402	24,071	26,220	27,875	27,998	27,713	26,557
Durable goods industries, total	12,362	13,803	14,361	14,449	14,053	14,940	12,520	13,632	14,574	14,709	14,915	14,533
Stone, clay, and glass products	578	627	709	731	749	801	719	810	825	831	764	703
Primary metals, total	2,312	2,548 1,433	2,673 1,541	2,781 1,646	2,765 1,674	2,968 1,811	2,342	2,713	3,050 1,806	3,053 1,779	3,090	3,084 1,783
All other primary metals	1,000	1,115	1,132	1,135	1,091	1,157	871	1,068	1,244	1,274	1,272	1,301
Fabricated metal products	1,239	1,356	1,418	1,455	1,390	1,520	1,397	1,578	1,601	1,650	1,538	1,453
Machinery, except electrical, total Form machinery and equipment	1,460 171	1,738 207	1,752	1,760 222	1,700	1,862 201	1,531 181	1,627 169	1,764 152	1,768	1,797	1,920 162
Electrical machinery, total Electrical transmission and distribution equipment and industrial	1,392	1,578	1,552	1,514	1,447	1,578	1,194	1,380	1,641	1,633	1,477	1,500
apparatus	323	370	367	356	351	371	287	331	380	3~3	334	349
and TV	477	535	502	516	450	483	344	389	497	503	458	431
Transporstion equipment, total Motor vehicles and parts	3,558 2,404 970	3,946 2,698 1,032	4,132 2,869 984	4,215 3,008 960	4,028 2,808 937	3,968 2,693 1,021	3,522 2,444 889	3,330 2,326 779	3,375 2,184 957	3,507 2,420 870	4,072 2,931 895	3,893 2,684 935
Instruments and related products	269	318	312	308	303	342	291	327	357	357	366	341
All other durable goods industries Nondurable goods industries, total	1,554	1,692	1,813	1,685	1,671	1,901	1,524	1,867	1,961	1,910	1,811	1,639
	1						11,551	12,588		13,289		
Food and kindred products	4,051 251 994	4,303 260 1,108	4,143 263	4,193 277	4,184 290 989	4,434	4,220 285 927	4,204	4,549	4,528	4,336 291	4,165 277
Textile mill products	896	951	1,109	1,058 979	974	1,105	882	1,147	1,248	1,224	1,206	1,072
Chemicals and allied products Petroleum and coal products	1,603	1,687	1,778	1,875	1,817	1.785	1,563	1,716	1,873	1.806	1,718	1,603
Rubber and plastics products, nec	500		524	539	1,105	1,1°9 557	1,134	1,169 537	1,206 536	1,209	1,247	1,328
All other nondurable goods industries	2,121	2,403	2,576	2,292	2,138	2,094	2,005	2,518	2,562	2,592	2,413	2,087

 $^{^{1}\}mathrm{Adjusted}$ for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

Industry group Jan Feh March April May June July Aug. Sept. Oct Nov Dec SEASONALLY ADDISTED 1954 All manufacturing industries, total, 23,541 23,497 23,331 23,578 22.994 23,172 23,461 22,909 22,802 22,810 23,812 24,375 Durable goods industries, total..... 12,076 11,912 11,667 11.283 12,509 12,261 11.877 11,671 11.847 11,405 11,305 12.080 Stone, clay, and glass products...... 570 606 600 59.5 600 620 622 611 649 631 655 664 2,102 2,023 1,935 1,934 1,932 1,901 1,954 2,058 2.171 1,138 1,225 1,174 1,078 1,065 1,083 1,070 1,026 1,009 1,067 1,069 All other primary metals..... 877 849 857 891 872 864 906 892 882 896 920 958 Fabricated metal products..... 1,336 1,322 1,309 1,309 1,271 1,269 1,270 1,250 1,231 1,274 1,270 1,300 Machinery, except electrical, total.... 1,684 1,661 1,600 1,584 1,562 1,554 1,590 1,525 1,504 1,464 1,508 1,552 Farm machinery and equipment..... 178 171 180 159 159 164 145 164 Electrical machinery, total........... Electrical transmission and distribu-1,384 1,352 1,320 1,329 1,313 1,337 1,315 1,304 1,355 1.344 1,370 1,415 tion equipment and industrial 381 350 337 339 337 336 330 338 317 327 345 354 369 353 373 406 395 403 420 440 447 426 Transportation equipment, total..... 3,196 3,189 3,123 3,153 3,05€ 3,229 2,953 2.689 2,727 3.309 1,835 1,867 1,464 Motor vehicles and parts..... 1,873 1,830 1,773 1,712 1,489 2,043 2,195 Aircraft and parts..... 1,057 1.061 990 987 1,069 1,229 1,034 1,066 1,076 struments and related products...... All other durable goods industries 1.674 1.620 1,678 1,581 1,593 1,580 1,605 1,613 1,627 1,744 Nondurable goods industries, total..... 11,280 11,421 11,454 11,327 11,501 11,504 11,505 11,732 11.866 11,666 11.614 11,519 4,175 Food and kindred products..... 4,209 4,236 4,253 4,208 4,186 4,135 4,169 4,201 4,157 acco products..... 282 282 276 288 282 283 293 Textile mill products..... 929 934 965 985 1,011 1,085 886 Paper and allied products..... 839 845 863 866 870 881 877 871 881 910 Chemicals and allied products..... 1,483 1,467 1,473 1,456 1,461 1.479 1.487 1,501 1,506 1,552 1,562 1,068 1,062 1,087 1,085 Rubber and plastics products, nec.....
All other nondurable goods industries. 1,080 1,088 1,093 424 2,177 2,247 2,228 2,166 2,215 2.228 2,267 WITHOUT SEASONAL ADJUSTMENT¹ All manufacturing industries, total. 24,342 24,078 24,054 22,669 23,682 22,807 23,784 23,799 23,884 23,399 22.461 21,298 Durable goods industries, total..... 12 565 11 678 12 269 10 537 11 096 11 588 11 544 11.999 Stone, clay, and glass products 484 564 603 606 668 706 696 648 570 2,030 2,024 1,820 1,953 2.114 2.098 1.976 2,051 1,080 776 RAR 897 ROT 925 RRC 856 RRE 915 1,254 1,340 1,331 1,332 1.234 1.331 1.188 1,317 1.324 1,363 7 243 1,162 Fabricated metal products 1,411 Machinery, except electrical, total 1,730 1,686 1.503 1,441 199 138 Farm machinery and equipment 1,458 Electrical machinery, total........... Electrical transmission and distribu-1.328 1.464 1.385 1.338 1.326 1.034 tion equipment and industrial 355 327 350 291 326 358 339 354 apparatus.
Household appliances, including radio and TV. 355 394 397 383 384 279 365 459 484 471 405 2,720 1,577 951 Transportation equipment, total......
Motor vehicles and parts...... 3,069 3.404 2,004 1,859 1,939 1,864 2,019 1,318 1.084 992 1 008 1 084 Aircraft and parts..... 1 168 290 311 Instruments and related products All other durable goods industries 1.706 1.581 1,396 1,650 1.758 1.767 1.637 1,567 11,777 11,658 11,644 10,991 11.413 10.761 12.196 11,188 Nondurable goods industries, total..... 4,215 4,137 4,434 4.019 4,073 4,189 4,293 271 4.103 4.095 4.369 4,308 Food and kindred products 4,341 264 268 283 281 Tobacco products..... 913 953 990 1,102 1,107 1,022 1,063 909 815 863 885 883 860 806 783 893 903 944 838 1,507 1,582 1,497 Chemicals and allied products 1,502 1.582 1.491 1 365 1.481 1,538 1,392 1,039 1,080 1,059 1,060 1,078 1,108 1,194 438 417 392 2,417 All other nondurable goods industries .. 2,340 2,019 1.936 2,429 2,462 2,261

Adjusted for trading-day and calendar month variation,

Table 3.-Manufacturers Shipments, by Industry Group: Months, 1947-1963-Continued
(MtIllions of dollars)

			(11222									
Industry group	Jam.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
1953												
All manufacturing industries, total.	24,789	25,215	25,445	25,583	25,536	24,970	25,835	24,970	24,708	24,564	23,529	23,095
Durable goods industries, total	13,355	13,743	13,755	13,985	13,866	13,445	14,013	13,403	13,152	13,115	12,424	12,028
Stone, clay, and glass products	611	622	644	613	619	613	622	588	621	611	596	588
Primary metals, total	2,450 1,435 1,015	2,522 1,454 1,068	2,572 1,495 1,077	2,661 1,564 1,097	2,760 1,643 1,117	2,651 1,584 1,067	2,814 1,731 1,083	2,778 1,722 1,056	2,530 1,545 985	2,486 1,515 971	2,309 1,387 922	2,090 1,219 871
Fabricated metal products	1,374	1,449	1,450	1,465	1,454	1,435	1,455	1,396	1,403	1,326	1,282	1,220
Machinery, except electrical, total Farm machinery and equipment	1,853 196	1,882 208	1,802 209	1,883 210	1,798 199	1,739 188	1,780 179	1,711 210	1,729 192	1,727 169	1,691 184	1,669 164
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	1,609	1,656	1,671	1,664	1,667	1,556	1,552	1,501	1,426	1,411	1,347	1,316
apparatus	405	412	430	426	431	402	389	375	361	372	365	342
radio and reserves serves serv	500	511	509	497	515	437	469	447	383	394	366	354
Transportation equipment, total Motor vehicles and parts Aircraft and parts	3,237 1,987 950	3,330 2,074 968	3,393 2,173 922	3,413 2,146 987	3,341 2,060 981	3,351 2,060 1,016	3,562 2,243 1,026	3,421 2,154 989	3,457 2,114 1,075	3,575 2,085 1,215	3,217 1,962 1,004	3,120 1,934 945
Instruments and related products	307 1,914	308 1,974	316 1,907	322 1,964	332 1,895	314 1,786	321 1,907	300 1,708	307 1,679	310 1,669	309 1,673	313 1,712
Nondurable goods industries, total	11,434	11,472	11,690	11,598	11,670	11,525	11,822	11,567	11,556	11,449	11,105	11,067
Food and kindred products. Tobacop products. Textile mill products. Eaper and allied products. Chemicals and allied products. Petroleum and coal products, nec. Nubber and plastice products, nec. All other nondurable goods industries.	4,129 281 1,161 855 1,440 1,019 473 2,076	4,074 299 1,141 868 1,493 1,031 484 2,082	4,281 286 1,147 867 1,499 1,022 479 2,109	4,158 278 1,229 875 1,472 1,044 466 2,076	4,177 282 1,200 876 1,464 1,055 469 2,141	4,107 278 1,144 875 1,460 1,080 462 2,119	4,239 286 1,198 879 1,486 1,085 465 2,184	4,193 278 1,071 876 1,442 1,063 459 2,185	4,221 289 1,036 884 1,429 1,083 443 2,171	4,183 284 1,018 863 1,428 1,063 437 2,173	4,098 293 932 856 1,413 1,050 397 2,066	4,098 286 935 839 1,387 1,023 400 2,099
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
All manufacturing industries, total.	23,638	26,138	26,262	26,112	25,117	25,556	23,389	24,904	25,688	25,746	23,543	22,027
Durable goods industries, total	12,652	14,310	14,380	14,560	13,853	14,134	12,444	13,082	13,438	13,497	12,274	11,569
Stone, clay, and glass products	522	580	640	626	629	657	608	642	676	673	591	507
Primary metals, total	2,416 1,412 1,004	2,614 1,489 1,125	2,694 1,567 1,127	2,750 1,614 1,136	2,786 1,663 1,123	2,784 1,670 1,114	2,430 1,515 915	2,658 1,643 1,015	2,524 1,542 982	2,526 1,533 993	2,309 1,379 930	2,075 1,219 856
Fabricated metal producta	1,289	1,477	1,486	1,493	1,413	1,502	1,351	1,464	1,507	1,416	1,253	1,097
Machinery, except electrical, total Farm machinery and equipment	1,7L3 185	1,975 232	1,951 242	2,015 256	1,854 219	1,886 212	1,564 171	1,594 188	1,724 183	1,708 153	1,609 140	1,691 140
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	1,560	1,816	1,764	1,679	1,549	1,552	1,195	1,426	1,538	1,535	1,419	1,338
apparatus Household appliances, including	378	422	430	424	414	414	337	373	384	396	379	350
radio and TV	510	607	570	528	482	418	312	394	416	431	384	335
Transportation equipment, total Motor vehicles and parts Aircraft and parts	3,079 1,944 857	3,552 2,216 1,037	3,552 2,285 953	3,678 2,321 1,051	3,438 2,120 994	3,608 2,210 1,103	3,347 2,126 968	3,224 2,054 912	3,309 1,977 1,075	3,467 2,073 1,126	3,075 1,820 1,012	3,022 1,787 983
Instruments and related products All other durable goods industries	282 1,791	315 1,981	320 1,973	320 1,999	322 1,862	333 1,812	288 1,661	299 1,775	323 1,837	333 1,839	326 1,692	299 1,540
Nondurable goods industries, total	10,986	11,828	11,882	11,552	11,264	11,422	10,945	11,822	12,250	12,249	11,269	10,458
Food and kindred products Tobacco products Textile mill products Chemicals and allied products Petroleum and allied products Petroleum and allied products All other nondurable goods industries. All other nondurable goods industries.	3,984 255 1,125 832 1,393 1,024 460 1,913	4,166 285 1,204 886 1,518 1,060 481 2,228	4,200 271 1,171 889 1,563 1,017 478 2,293	4,025 267 1,172 891 1,581 1,025 481 2,110	4,062 289 1,067 873 1,510 1,009 462 1,992	4,146 296 1,121 890 1,487 1,079 494 1,909	4,079 298 1,012 782 1,375 1,058 455 1,886	4,158 294 1,123 898 1,442 1,057 467 2,383	4,463 298 1,155 907 1,501 1,074 441 2,411	4,482 283 1,155 919 1,455 1,065 465 2,425	4,209 301 984 872 1,361 1,059 372 2,111	3,965 280 883 774 1,239 1,078 379 1,860

¹Adjusted for trading-day and calendar month variation.

Table 3.-Manufacturers' Shipments, by Industry Group: Months, 1947-1963-Continued

(Millions of dollars) Industry group Feb. April July Jan. June Ana Sent Oct Dec SEASONALLY ADJUSTED 23,826 25.070 24.070 All manufacturing industries, total. 21,223 22.433 22 082 20 489 Durable goods industries..... 11,286 12,689 11,381 10,431 9,666 11,965 21,954 21,830 22,100 All manufacturing industries, total. 22,131 21,867 20.984 21.445 Durable goods industries..... 10,499 10.994 10,689 10,076 10,497 10,488 All manufacturing industries, total, 15,847 16,384 17,335 20,284 20,029 9,931 10,711 8,884 9,902 7,352 15,782 15,876 16,201 15,689 15,524 All manufacturing industries, total, 16,398 16,525 6,554 8,000 9,123 6,975 8,730 7,085 7,066 7,226 6,439 Durable goods industries..... Nondurable goods industries..... 18.510 18,830 18,379 18.047 All manufacturing industries, total. 17,180 17,454 18,093 18,096 18,369 18,495 7,713 Durable goods industries..... 7,931 9,523 7,898 8,336 8,560 Nondurable goods industries..... 10,080 14.780 15.063 15,385 15.024 15,706 17,839 16,986 All manufacturing industries, total. 14.628 16 298 6,911 8,795 Durable goods industries..... 5,890 6,283 6,376 6,559 6,753 7,656 7,581 6,590 Nondurable goods industri WITHOUT SEASONAL ADJUSTMENT1 24.335 All manufacturing industries, total, 20.805 22 588 21 561 21.657 18 980 22 123 25 400 24 304 Durable goods industries..... 11,364 11,392 11,047 8,703 10,780 12,321 12,895 12,529 11,343 11.588 Nondurable goods industries..... 12.014 22,763 22,938 21,962 19,139 22,950 22,004 20,734 All manufacturing industries, total. 21,085 21,948 21 392 22,209 Durable goods industries..... 10,976 10,607 10,945 10,428 11,116 11,834 10,680 10,134 9,808 8,927 Nondurable goods industries..... 11,269 20,956 21,330 20,733 16,837 17.210 18.504 17.857 20 886 20.148 All manufacturing industries, total, Durable goods industries..... 9,856 7,865 10,042 Mondurable goods industries..... 8,881 10,472 10.556 16,034 All manufacturing industries, total. 16,548 15,318 14,219 16,267 17,106 16,205 15,586 14,919 Durable goods industries..... 6,180 8,140 6,625 9,580 6,606 6,529 17,836 17,317 18,403 16,685 18,603 19,543 19,468 18,434 All manufacturing industries, total. 8,378 Durable goods industries...... 9,029 All manufacturing industries, total. 13.534 15,090 14,691 15,347 13,886 15,365 16,583 16,684 Durable goods industries...... 5,578 7,956 6,234 5,905 6,530 7,186 9,397 7,564 6,675 6,430 7,401

¹Adjusted for trading-day and calendar month variation.

Table 4.-Manufacturers' New Orders, by Industry Group: Months, 1947-1963

			(Milli	ons of do	llars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
<u>1963</u>				1		I						
All manufacturing industries, total.	34,742	34,636	35,364	35,752	35,438	34,425	35,207		}			
Durable goods industries, total	18,466	18,228	18,776	19,037	18,736	17,682	18,275					
Primary metals, total	2,763 1,454	3,057 1,724	3,357 1,980	3,805 2,410	3,153 1,829	2,650 1,277	2,605 1,262					
Pabricated metal products	1,888	1,903	1,831	1,921	1,893	1,950	1,875					
Machinery, except electrical, total Engines and turbines Construction, mining, and material	2,489 241	2,512 176	2,505 132	2,581 140	2,618 189	2,524 157	2,608 179					
handling	434 184 200	425 233 205	456 210 205	446 199 208	480 204 200	497 140 196	414 223 205					
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	2,426	2,309	2,387	2,421	2,435	2,437	2,414					
Apparatus	527	505	498	488	504	492	512					
radio and TV	54.5 597	531 507	565 569	552 599	588 578	579 615	563 529					
Transportation equipment, total Aircraft and parts	5,289 1,925	4,901 1,388	5,313 1,670	4,772 1,175	5,163 1,628	4,698 1,151	*5,246 1,678					
All other durable goods industries	3,611	3,546	3,383	3,537	3,474	3,423	3,527					
Nondurable goods industries, total	16,276	16,408	16,588	16,715	16,702	16,743	16,932					
Industries with unfilled orders Industries without unfilled orders	4,243 12,033	4,198 12,210	4,237 12,351	4,309 12,406	4,260 12,442	4,301 12,442	4,560 12,372					
					WITH	OUT SEASO	NAL ADJUS	IMENT ¹				
All manufacturing industries, total.	32,715	35,559	36,369	36,019	35,289	35,833	32,829					
Durable goods industries, total	17,338	18,686	19,497	19,182	18,845	18,867	17,089					
Primary metals, total Blast furnaces, steel mills	2,866 1,596	3,323 1,883	3,570 2,130	3,681 2,244	3,249 1,871	2,593 1,199	2,322 1,107					
Fabricated metal products	1,751	1,887	1,824	1,938	1,955	2,081	1,806					
Machinery, except electrical, total Engines and turbines Construction, mining, and material	2,327 189	2,682 185	2,725 190	2,745 157	2,655 187	2,694 175	2,432 133					
handling. Metalworking machinery General industrial machinery	412 177 182	455 229 218	492 210 205	482 197 214	479 202 213	538 168 214	415 200 192					
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	2,101	2,381	2,482	2,363	2,362	2,705	2,201					
apparatus	425	529	542	534	502	548	470					
radio and TV	499 469	550 514	579 585	482 553	546 544	614 717	518 512					
Transportation equipment, total Aircraft and parts	5,048 1,641	5,069 1,365	5,515 1,698	4,845 1,115	5,040 1,410	5,004 1,213	4,830 1,438					
All other durable goods industries	3,245	3,344	3,381	3,610	3,584	3,790	3,498					
Nondurable goods industries, total	15,377	16,873	16,872	16,837	16,444	16,966	15,740					
Industries with unfilled orders Industries without unfilled orders	3,992 11,385	4,362 12,511	4,354 12,518	4,396 12,441	4,284 12,160	4,418 12,548	3,931 11,809					

Adjusted for trading-day and calendar month variation.

[&]quot;Seasonally adjusted figure for motor vehicle assembly operations for July of 1,771 and for August of 1,468 "averaged." See discussion on page 19.

Table 4.-Manufacturers' New Orders, by Industry Group: Months, 1947-1963-Continued

			(M111:	ions of do	ollars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SI	EASONALLY	ADJUSTED					
<u>1962</u>												
All manufacturing industries, total,	33,558	33,597	33,204	33,167	33,297	32,586	32,997	32,809	32,633	33,400	33,165	33,355
Durable goods industries, total	17,699	17,703	17,150	17,019	17,215	16,648	16,910	16,592	16,547	17,288	16,732	17,330
Primary metals, total Blast furnaces, steel mills	3,526 2,121	3,135 1,738	2,859 1,485	2,192 825	2,472 1,105	2,509 1,262	2,513 1,246	2,539 1,275	2,568 1,364	2,836 1,458	2,732 1,438	2,570 1,322
Fabricated metal products	1,893	1,845	1,950	1,862	1,906	1,830	1,849	1,805	1,855	1,821	1,836	1,722
Machinery, except electrical, total Engines and turbines	2,332 141	2,490 156	2,362 132	2,386 142	2,414 140	2,360 145	2,413 204	2,307 157	2,271 145	2,379 165	2,333 151	2,314 180
handling Metalworking machinery General industrial machinery	360 190 195	454 182 220	414 175 203	422 172 214	401 165 223	400 202 220	403 194 214	378 167 204	381 183 197	394 170 180	379 193 189	329 178 197
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	2,416	2,312	2,335	2,336	2,342	2,269	2,098	2,243	2,198	2,240	2,315	2,349
Apparatus	568	481	479	489	488	428	451	433	476	459	491	513
radio and TV	484 589	499 542	489 671	501 590	522 583	483 622	549 362	518 562	476 523	500 562	523 530	521 554
Transportation equipment, total Aircraft and parts	4,196 1,219	4,497 1,328	4,310 1,250	4,771 1,499	4,625 1,503	4,343 1,286	*4,588 1,541	*4,309 1,165	4,325 1,198	4,593 1,335	4,199 986	5,039 1,746
All other durable goods industries	3,336	3,424	3,334	3,472	3,456	3,337	3,449	3,389	3,330	3,419	3,317	3,336
Nondurable goods industries, total	15,859	15,894	16,054	16,148	16,082	15,938	16,087	16,217	16,086	16,112	16,433	16,025
Industries with unfilled orders Industries without unfilled orders	4,058 11,801	4,076 11,818	4,090 11,964	4,119 12,029	4,114 11,968	3,982 11,956	4,094 11,993	4,304	4,175	4,187 11,925	4,174 12,259	4,081 11,944
					WITHO	UT SEASON	AL ADJUST	ENT1				
All manufacturing industries, total.	31,836	34,547	34,086	33,427	33,105	33,969	30,698	32,116	33,873	34,639	33,494	32,213
Durable goods industries, total	16,790	18,184	17,750	17,177	17,277	17,832	15,736	15,733	16,852	17,557	16,854	17,289
Primary metals, total. Blast furnaces, steel mills	3,687 2,325	3,415 1,901	3,040 1,602	2,173 767	2,546 1,128	2,459 1,190	2,239 1,094	2,533 1,307	2,525 1,320	2,766 1,395	2,733 1,428	2,503 1,343
Fabricated metal products	1,751	1,831	1,942	1,875	1,963	1,949	1,786	1,927	1,996	1,884	1,759	1,516
Machinery, except electrical, total Engines and turbines Construction, mining, and material	2,198 113	2,673 164	2,567 183	2,536 160	2,457 145	2,536 161	2,240 156	2,168 119	2,242 136	2,317 162	2,208 137	2,226 207
handling	342 183 177	484 179 234	446 177 204	454 171 220	400 164 236	433 241 241	402 173 200	369 151 210	378 201 198	367 166 181	332 186 186	318 184 173
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	2,084	2,392	2,435	2,285	2,269	2,548	1,907	2,104	2,548	2,293	2,217	2,334
apparatus	456	505	523	531	486	484	416	404	511	458	460	503
radio and TV	442 464	523 552	500 696	443 547	482 547	522 723	501 349	518 496	570 699	535 561	544 458	460 607
Transportation equipment, total Aircraft and parts	4,078 1,036	4,640 1,306	4,427 1,254	4,766 1,418	4,470 1,302	4,638 1,404	4,143 1,335	3,434 1,220	4,000 1,224	4,695 1,291	4,696 1,028	5,823 2,288
All other durable goods industries	2,992	3,233	3,339	3,542	3,572	3,702	3,421	3,567	3,541	3,602	3,241	2,887
Nondurable goods industries, total	15,046	16,363	16,336	16,250	15,828	16,137	14,962	16,383	17,021	17,082	16,640	14,924
Industries with unfilled orders Industries without unfilled orders	3,831 11,215	4,237 12,126	4,207 12,129	4,202 12,048	4,146	4,092	3,591 11,371	4,270 12,113	4,417 12,604	4,448 12,634	4,308 12,332	3,740 11,184

¹Adjusted for trading-day and calendar month variation.
*Seasonally adjusted figure for motor vehicle assembly operations for July of 1,626 and for August of 1,585 "averaged." See discussion on page 19.

Table 4.-Manufacturers' New Orders, by Industry Group: Months, 1947-1963-Continued

			(LITT	TORIS OF C	iotters)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					s	EASONALLY	ADJUSTED					
1961												
All manufacturing industries, total.	28,669	29,321	29,749	30,607	30,822	31,223	31,205	31,711	31,605	32,053	32,492	33,284
Durable goods industries, total	13,951	14,313	14,533	, 15,509	15,594	15,892	15,924	16,118	15,967	16,259	16,735	17,256
Primary metals, total	2,259 1,230	2,113 1,168	2,398 1,294	2,831 1,644	2,827 1,593	2,836 1,595	2,718 1,508	2,879 1,657	2,764 1,512	2,858 1,558	3,082 1,854	3,663 2,284
Fabricated metal products	1,613	1,586	1,672	1,774	1,786	1,844	1,779	1,855	1,764	1,781	1,850	1,927
Machinery, except electrical Engines and turbines Construction, mining, and material	2,189 181	2,066 141	2,053 175	2,072 148	2,095 154	2,289 189	2,164 129	2,176 156	2,248 129	2,227 155	2,288 185	2,277 165
handling	358 242 188	354 147 189	342 137 186	365 143 186	355 159 188	400 155 191	374 177 191	382 176 201	433 170 199	357 150 215	345 180 214	417 163 198
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	1,892	1,907	1,809	1,985	1,970	1,808	2,070	2,167	2,198	2,301	2,233	2,251
apparatus	428	437	412	463	394	406	426	453	441	505	498	440
radio and TV Communication equipment	415 426	381 526	426 373	490 436	435 511	427 406	494 525	506 450	54.5 556	482 545	516 548	486 614
Transportation equipment, total Aircraft and parts	3,174 957	3,706 1,307	3,432 958	3,771 1,300	3,790 1,181	3,783 1,092	4,206 1,517	3,921 1,418	3,769 1,191	3,885 1,327	3,982 1,171	3,803 1,058
All other durable goods industries	2,824	2,935	3,169	3,076	3,126	3,332	2,987	3,120	3,224	3,207	3,300	3,335
Nondurable goods industries, total	14,718	15,008	15,216	15,098	15,228	15,331	15,281	15,593	15,638	15,794	15,757	16,028
Industries with unfilled orders Industries without unfilled orders	3,691 11,027	3,809 11,199	3,859 11,357	3,890 11,208	3,940 11,288	4,021 11,310	3,937 11,344	4,067 11,526	4,069 11,569	4,101 11,693	4,064	4,277
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
All manufacturing industries, total.	27,118	30,096	30,559	30,769	30,608	32,541	28,859	31,333	32,842	33,217	32,802	31,992
Durable goods industries, total	13,126	14,641	15,076	15,596	15,615	16,999	14,609	15,587	16,315	16,500	16,829	17,081
Primary metala, total	2,338	2,307 1,282	2,553 1,397	2,743 1,526	2,894 1,622	2,778 1,514	2,421 1,327	2,882 1,695	2,716 1,461	2,788 1,493	3,091 1,850	3,596 2,305
Fabricated metal products	1,487	1,573	1,661	1,783	1,832	1,953	1,723	1,976	1,904	1,849	1,764	1,712
Machinery, except electrical Engines and turbines Construction, mining, and material	2,063 153	2,208 151	2,243 236	2,198 167	2,114 155	2,460 208	2,018 102	2,045 121	2,225 121	2,167 150	2,174 168	2,205 183
handling. Metalworking machinery. General industrial machinery.	341 234 170	377 146 201	368 140 188	392 143 191	354 157 197	433 184 209	371 157 179	374 159 206	430 185 200	334 147 216	304 173 210	405 169 177
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	1,640	1,982	1,895	1,950	1,910	2,042	1,891	2,029	2,547	2,356	2,141	2,246
apparatus	347	461	448	500	392	467	394	422	470	502	466	431
radio and TV	378 337	404 540	442 391	436 409	408 478	466 470	445 502	498 399	657 727	519 547	538 480	433 669
Transportation equipment, total Aircraft end parts	3,056 780	3,787 1,284	3,549 950	3,788 1,234	3,645 1,021	4,083 1,257	3,598 1,265	3,339 1,429	3,498 1,225	3,971 1,296	4,423 1,207	4,444
All other durable goods industries	2,542	2,784	3,175	3,134	3,220	3,683	2,958	3,316	3,425	3,369	3,236	2,878
Nondurable goods industries, total	13,992	15,455	15,483	15,173	14,993	15,542	14,250	15,746	16,527	16,717	15,973	14,911
Industries with unfilled orders Industries without unfilled orders	3,488 10,504	3,953 11,502	3,973 11,510	3,964 11,209	3,956 11,037	4,137 11,405	3,467 10,783	4,021 11,725	4,274 12,253	4,361 12,356	4,209 11,764	3,905 11,006

¹Adjusted for trading-day and calendar month variation.

Table 4.-Manufacturers' New Orders, by Industry Group: Months, 1947-1963-Continued
(Millions of dollars)

Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SI	EASONALLY	ADJUSTED					
<u>1960</u>												
All manufacturing industries, total.	30,723	30,256	29,998	29,863	30,046	30,325	30,124	30,455	30,798	29,593	29,460	29,724
Durable goods industries, total	15,680	15,521	15,266	14,922	15,362	15,432	15,246	15,652	15,693	14,498	14,622	14,857
Primary metals, total	2,712 1,470	2,423 1,242	2,041 864	2,006 894	2,221 1,045	2,300 1,157	2,239	2,291 1,136	2,394 1,259	2,236 1,189	2,237 1,125	2,251
Fabricated metal products	1,718	1,766	1,663	1,715	1,691	1,703	1,693	1,709	1,679	1,683	1,691	1,656
Machinery, except electrical, total Engines and turbines Construction, mining, and material	2,138 65	2,080 145	2,115 144	2,295 161	2,179 148	2,119 141	2,071	1,969 123	1,987	2,033 156	2,004 164	2,071 179
handling Metalworking machinery General industrial machinery	419 171 193	407 169 197	386 151 189	392 185 203	408 153 202	352 140 197	356 142 199	334 150 198	308 155 189	320 163 195	325 158 175	299 158 180
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	1,772	1,754	1,855	1,858	1,807	2,019	1,958	2,092	2,155	1,862	1,928	2,008
Househ 1 appliances, including	389	457	440	405	452	432	416	504	492	442	440	512
radio end TV	459 338	434 301	433 383	428 442	415 341	464 530	504 465	479 482	480 526	462 333	433 418	427 445
Transportation equipment, total	4,102 1,052	4,178 1,070	4,549 1,668	3,947 959	4,317 1,477	4,137 1,350	4,194 1,323	4,536 1,522	4,408 1,600	3,659 887	3,785 1,390	3,703 1,117
All other durable goods industries	3,238	3,320	3,043	3,101	3,147	3,154	3,091	3,055	3,070	3,025	2,977	3,168
Nondurable goods industries, total	15,043	14,735	14,732	14,941	14,684	14,893	14,878	14,803	15,105	15,095	14,838	14,867
Industries with unfilled orders Industries without unfilled orders	3,902 11,141	3,779 10,956	3,735 10,997	3,729 11,212	3,772 10,912	3,796 11,097	3,719 11,159	3,712 11,091	3,866 11,239	3,800 11,295	3,725 11,113	3,706 11,161
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
All manufacturing industries, total.	29,232	31,065	30,744	30,067	29,720	31,746	27,891	29,851	31,874	30,702	29,825	28,667
Durable goods industries, total	14,896	15,908	15,755	15,053	15,259	16,663	13,998	14,903	15,932	14,758	14,780	14,766
Primary metals, total	2,806 1,604	2,650 1,371	2,163 931	1,963 827	2,262 1,060	2,269 1,107	1,997 1,007	2,279 1,155	2,350 1,212	2,189 1,144	2,260 1,134	2,194 1,211
Fabricated metal products	1,592	1,760	1,655	1,716	1,724	1,792	1,642	1,813	1,813	1,751	1,611	1,488
Machinery, except electrical, total Engines and turbines	2,030 56	2,222 156	2,298 187	2,428 182	2,183 150	2,280 154	1,924 113	1,857 97	1,967 143	1,981	1,900 151	2,004 198
handling	399 166 175	432 169 209	414 156 191	419 185 208	406 151 207	381 164 215	349 125 187	328 136 201	303 165 189	301 161 196	291 153 172	291 164 165
Electrical machinery, total Electrical transmission and distribu-	1,553	1,841	1,945	1,841	1,755	2,303	1,791	1,943	2,444	1,901	1,846	1,987
tion equipment and industrial apparatus Household appliances, including	320	481	472	434	449	505	389	468	519	439	412	501
radio and TV	418 274	473 312	460 402	394 419	388 319	510 614	447 442	460 431	569 664	487 337	439 372	380 480
Transportation equipment, total Aircraft and parta	3,999 845	4,291 1,043	4,642 1,650	3,955 902	4,103 1,275	4,529 1,639	3,585 1,101	3,767 1,464	4,095 1,631	3,774 860	4,230 1,438	4,383 1,522
All other durable goods industries:	2,916	3,144	3,052	3,150	3,232	3,490	3,059	3,244	3,263	3,162	2,933	2,710
Nondurable goods industries, total	14,336	15,157	14,989	15,014	14,461	15,083	13,893	14,948	15,942	15,944	15,0/5	13,901
Industries with unfilled orders Industries without unfilled orders	3,696 10,640	3,913 11,244	3,855 11,134	3,798 11,216	3,805 10,656	3,916 11,167	3,277 10,616	3,658 11,290	4,027 11,915	4,035 11,909	3,871 11,174	3,418 10,483

¹Adjusted for trading-day and calendar month variation.

Table 4.-Manufactuerers' New Orders, by Industry Group: Months, 1947-1963-Continued

			(110000									
Industry group	Jan.	Feb.	March	April	May	June	July	Aug,	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
1959												
All manufacturing industries, total.	29,838	31,407	31,502	31,879	31,435	31,404	30,982	29,334	30,011	30,158	29,257	30,841
Durable goods industries, total	15,522	16,895	16,981	17,080	16,302	16,723	16,081	14,615	15,251	15,482	14,573	15,76
Primary metals, total	3,262 2,078	4,131 2,892	3,409 2,104	3,372 2,049	3,054 1,767	3,145 1,933	2,390 1,184	2,160 1,070	2,425 1,241	2,372 1,208	2,723 1,560	3,25 1,96
Fabricated metal products. Machinery, except electrical Electrical machinery. Transportation equipment All other durable goods industries	1,721 2,043 1,747 3,544 3,205	1,903 2,153 1,757 3,695 3,256	1,781 2,296 2,098 4,195 3,202	1,767 2,181 1,839 4,561 3,360	1,721 2,305 1,829 4,109 3,284	1,742 2,270 2,127 4,278 3,161	1,759 2,264 1,954 4,357 3,357	1,687 2,126 1,989 3,495 3,158	1,739 2,294 2,029 3,654 3,110	1,823 2,241 1,978 4,003 3,065	1,779 2,160 1,844 2,967 3,100	1,81 2,34 1,86 3,42 3,05
Nondurable goods industries, total Industries with unfilled orders Industries without unfilled orders	14,316 3,674 10,642	14,512 3,860 10,652	14,521 3,842 10,679	14,799 3,924 10,875	15,133 4,045 11,088	14,681 3,768 10,913	14,901 3,954 10,947	14,719 3,904 10,815	14,760 3,799 10,961	14,676 3,754 10,922	14,684 3,825 10,859	15,08 4,07 11,00
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
All manufecturing industries, total.	28,654	32,534	32,313	31,894	30,982	32,802	28,605	28,799	31.021	31,192	29,529	29.74
Durable goods industries, total	14.970	17,577	17,561	17,030	16,093	17,961	14,723	13,964	15,485	15,734	14,628	15,65
Primary metals, total	3,406 2,261	4,562	3,627	3,240 1,891	3,095 1,786	3,085	2,137 1,053	2,142	2,374	2,327 1,167	2,761	3,19 1,95
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment All other durable goods industrics.	1,596 1,932 1,542 3,567 2,927	1,894 2,304 1,855 3,827 3,135	1,781 2,483 2,196 4,263 3,211	1,758 2,318 1,842 4,471 3,401	1,742 2,298 1,770 3,839 3,349	1,823 2,455 2,435 4,665 3,498	1,701 2,093 1,797 3,684 3,311	1,786 2,006 1,836 2,823 3,371	1,886 2,254 2,251 3,416 3,304	1,900 2,177 2,017 4,120 3,193	1,694 2,067 1,763 3,294 3,049	1,65 2,30 1,83 4,00 2,59
Nondurable goods industries, total Industries with unfilled orders Industries without unfilled orders	13,684 3,487 10,197	14,957 4,005 10,952	14,752 3,958 10,794	14,864 3,977 10,887	14,889 4,086 10,803	14,841 3,900 10,941	13,882 3,484 10,398	14,835 3,828 11,007	3,925 11,611	15,458 3,979 11,479	14,901 3,978 10,923	14,09 3,75 10,33
					s	EASONALLY	ADJUSTED					
1958			1							1		
All manufacturing industries, total.	24,850	24,909	25,890	25,045	26,041	26,870	27,338	27,492	27,472	28,739	29,598	28,76
Durable goods industries, total	11,618	11,672	12,663	11,694	12,444	13,129	13,403	13,316	13,643	14,627	15,365	14,6
Primary metals, total	1,750 892	1,697 874	1,707	1,752 963	1,974 1,130	2,242 1,259	2,267 1,229	2,417 1,391	2,645 1,551	2,799 1,598	2,863 1,633	2,7
Fabricated metal products	1,441 1,699 1,435 2,717 2,576	1,421 1,653 1,648 2,633 2,620	1,411 1,711 1,534 3,608 2,492	1,446 1,804 1,413 2,625 2,654	1,513 1,743 1,594 2,908 2,712	1,581 1,785 1,541 3,241 2,739	1,636 1,752 1,604 3,389 2,755	1,630 1,920 1,638 2,836 2,875	1,681 1,950 1,661 2,641 3,065	1,682 1,868 1,661 3,650 2,967	1,683 1,863 1,882 4,011 3,063	1,6: 1,8: 1,8: 3,2: 3,2:
Hondurable goods industries, total	13,232	13,237	13,227	13,371	13,597	13,741	13,935	14,176	13,829	14,112	14,233	14,1
Industries with unfilled orders Industries without unfilled orders	3,294 9,938	3,212 10,025	3,270 9,957	3,368	3,302 10,295	3,359 10,382	3,512 10,423	3,626 10,550	3,479 10,350	3,674 10,438	3,726 10,507	.4,60 10,50
	without seasonal adjustment ¹											
All manufacturing industries, total.	23,895	25,734	26,426	25,106	25,534	28,090	25,382	27,269	28,250	29,242	30,040	27,87
Durable goods industries, total	11,212	12,075	12,986	11,716	12,186	14,210	12,373	12,988	13,713	14,400	15,585	14,6
Primary metals, total	1,801 971	1,867 975	1,813 958	1,691 889	1,996 1,141	2,207 1,214	2,034 1,099	2,401 1,299	2,573 1,477	2,739 1,544	2,906 1,661	2,7 1,6
Fabricated metal products. Mashinery, except electrical. Electrical mechinery. Transportation equipment. All other durable goods industries	1,335 1,613 1,288 2,805 2,370	1,398 1,774 1,732 2,761 2,543	1,412 1,836 1,600 3,808 2,517	1,431 1,917 1,433 2,567 2,677	1,514 1,724 1,538 2,672 2,742	1,648 1,932 1,766 3,612 3,045	1,578 1,619 1,497 2,937 2,708	1,727 1,814 1,507 2,464 3,075	1,825 1,909 1,826 2,327 3,253	1,755 1,808 1,679 3,350 3,069	1,610 1,789 1,796 4,476 3,008	1,5 1,8 1,7 4,0 2,7
Nondureble goods industries, total Industries with unfilled orders Industries without unfilled orders	12,683 3,134 9,549	13,659 3,334 10,325	13,440 3,383 10,057	13,390 3,407 9,983	13,348 3,333 10,015	13,880 3,494 10,386	13,009 3,099 9,910	14,281 3,550 10,731	14,537 3,572 10,965	14,842 3,888 10,954	14,455 3,892 10,563	13,2 3,3 9,9

^{&#}x27;Adjusted for trading day and calendar month variation.

Table 4.-Manufacturers' New Orders, by Industry Group: Months, 1947-1963-Continued

			(Mill	ions of d	ollars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
<u>1957</u>												
All manufacturing industries, total.	28,551	29,281	28,737	27,596	28,020	27,679	26,949	27,699	26,970	26,235	26,935	25,726
Durable goods industries, total	15,163	15,641	15,143	14,106	14,579	14,227	13,433	14,034	13,640	12,963	13,576	12,538
Primary metals, total	2,885 1,645	3,135 1,877	3,150 1,869	2,748 1,742	2,744 1,625	2,928 1,778	2,613 1,521	2,512 1,470	2,650 1,516	2,423 1,418	2,118 1,211	1,849 971
Fabricated motal products. Machinery, except electricel Electrical machinery. Transportation equipment All other durable goods industries	1,660 2,047 1,810 3,782 2,979	1,752 2,050 1,847 3,884 2,973	1,657 2,078 1,749 3,617 2,892	1,670 1,766 1,720 3,387 2,815	1,720 1,865 1,679 3,798 2,773	1,552 1,839 1,821 3,180 2,907	1,651 1,877 1,476 3,005 2,811	1,499 1,904 1,672 3,588 2,859	1,605 1,964 1,406 3,271 2,744	1,556 1,752 1,558 2,960 2,714	1,393 1,764 1,557 3,980 2,764	1,407 1,695 1,423 3,381 2,783
Nondurable goods industries, total	13,388	13,640	13,594	13,490	13,441	13,452	13,516	13,665	13,330	13,272	13,359	13,188
Industries with unfilled orders Industries without unfilled orders	3,295 10,093	3,424	3,405 10,189	3,552 9,938	3,477 9,964	3,436 10,016	3,368 10,148	3,468	3,371 9,959	3,323 9,949	3,411 9,948	3,316 9,872
			r		MITHO	UI SEASON	AL ADJUST	TENT*				
All manufacturing industries, total.	27,784	30,402	29,511	27,636	27,369	28,717	25,117	27,347	27,409	26,714	27,398	25,307
Durable goods industries, total	14,890	16,330	15,689	14,124	14,167	15,136	12,504	13,572	13,415	12,759	13,826	12,918
Primary metals, total	2,990 1,791	3,457 2,089	3,363 2,017	2,632 1,610	2,764 1,640	2,893 1,732	2,345 1,364	2,509 1,488	2,563 1,427	2,370 1,371	2,144 1,226	1,821 963
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries.	1,554 1,956 1,658 3,955 2,777	1,737 2,200 1,935 4,099 2,902	1,688 2,196 1,805 3,695 2,942	1,648 1,862 1,785 3,367 2,830	1,696 1,825 1,617 3,479 2,786	1,604 1,998 2,073 3,339 3,229	1,573 1,730 1,399 2,698 2,759	1,597 1,804 1,527 3,069 3,066	1,742 1,908 1,534 2,763 2,905	1,630 1,700 1,576 2,679 2,804	1,333 1,700 1,487 4,455 2,707	1,307 1,701 1,380 4,357 2,352
Nondurable goods industries, total	12,894	14,072	13,822	13,512	13,202	13,581	12,613	13,775	13,994	13,955	13,572	12,389
Industries with unfilled orders Industries without unfilled orders	3,149 9,745	3,555 10,517	3,514 10,308	3,586 9,926	3,508 9,694	3,584 9,997	2,973 9,640	3,373 10,402	3,447 10,547	3,509 10,446	3,570 10,002	3,088 9,301
					s	EASONALLY	ADJUSTED					
1956					1							
All manufacturing industries, total.	28,423	27,153	27,809	28,569	28,032	28,088	27,483	30,765	27,934	28,187	29,121	29,375
Durable goods industries, total	15,723	14,610	15,042	15,693	15,156	15,055	14,749	17,729	14,781	14,835	15,776	15,730
Primary metals, total	3,284 1,834	3,403 1,985	3,262 1,980	3,092 1,773	3,195 1,991	2,963 1,817	2,878 1,597	3,101 1,907	2,965 1,772	3,053 1,812	3,338 2,050	3,146 1,815
Fabricated metal products	1,576 2,112 1,565 4,152 3,034	1,639 2,095 1,395 3,136 2,942	1,583 2,116 1,545 3,566 2,970	2,134 2,169 1,731 3,630 2,937	1,606 2,147 1,821 3,489 2,898	1,543 2,194 1,837 3,806 2,712	1,511 2,071 1,756 3,750 2,783	1,580 2,185 1,695 6,264 2,904	1,657 2,147 1,621 3,610 2,781	1,556 2,200 1,704 3,319 3,003	1,550 2,312 1,885 3,751 2,940	1,689 2,126 1,797 4,224 2,748
Nondurable goods industries, total	12,700	12,543	12,767	12,876	12,876	13,033	12,734	13,036	13,153	13,352	13,345	13,645
Industries with unfilled orders Industries without unfilled orders	3,384 9,316	3,226 9,317	3,216 9,551	3,231 9,645	3,236 9,640	3,270 9,763	3,322 9,412	3,371 9,665	3,331 9,822	3,513 9,839	3,335 10,010	3,454 10,191
		,,	1 //		L		AL ADJUST		1,000		10,010	20,272
All manufacturing industries, total.	27,949	28,216	28,574	28,632	27,251	29,240	25,452	29,223	28,562	28,695	29,532	29,088
Durable goods industries, 'thel	15,714	15,274	15,569	15,751	14,631	16,082	13,567	16.105	14,774	14,653	15,992	16,272
Primary metala, total	3,399	3,727	3,487 2,138	2,978	3,207	2,960	2,588	3,117 1,945	2,844	2,985	3,352	3,106 1,827
Habricated motal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries.	1,483 2,031 1,484 4,454 2,863	1,621 2,255 1,464 3,317 2,890	1,628 2,213 1,591 3,612 3,038	2,115 2,285 1,821 3,604 2,948	1,546 2,092 1,743 3,146 2,897	1,584 2,384 2,080 4,077 2,997	1,423 1,903 1,687 3,241 2,725	1,691 2,075 1,536 4,562 3,124	1,800 2,067 1,755 3,369 2,939	1,638 2,140 1,720 3,090 3,080	1,497 2,245 1,783 4,242 2,873	1,597 2,166 1,734 5,343 2,326
Nondurable goods industries, total	12,235	12,942	13,005	12,881	12,620	13,158	11,885	13,118	13,788	14,042	13,540	12,816
Industries with unfilled orders Industries without unfilled orders	3,248 8,987	3,349 9,593	3,333 9,672	3,258 9,623	3,252 9,368	3,421 9,737	2,936 8,949	3,264 9,854	3,399 10,389	3,699 10,343	3,487 10,053	3,223 9,593

Adjusted for trading-day and calendar month variation.

Table 4-Manufacturers' New Orders, by Industry Group: Months, 1947-1963-Continued
(Millions of dollars)

			(MIII	ions of d	OLIBES)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
1955												
All manufacturing industries, total.	25,644	26,103	27,306	26,413	26,859	27,490	27,747	27,501	28,271	28,347	28,448	29,139
Durable goods industries, total	13,479	13,924	14,960	14,239	14,512	14,842	14,981	15,045	15,738	15,742	15,736	16,423
Primary metals, total	2,707 1,593	3,014 1,921	3,332 2,145	3,347 2,221	3,184 2,027	2,951 1,790	3,190 1,991	2,893 1,777	3,323 1,855	3,031 1,734	3,468 2,163	3,419 1,990
Fabricated metal products	1,627 1,574 1,401 3,354 2,816	1,346 1,767 1,549 3,587 2,661	1,515 1,750 1,961 3,597 2,805	1,392 1,724 1,475 3,551 2,750	1,506 1,760 1,443 3,905 2,714	1,631 1,915 1,527 3,982 2,836	1,561 1,808 1,690 3,939 2,793	1,563 2,002 1,616 4,007 2,964	1,471 1,887 1,646 4,529 2,882	1,570 2,091 1,460 4,706 2,884	1,562 2,363 1,322 4,004 3,017	1,642 2,205 1,708 4,549 2,900
Nondurable goods industries, total	12,165	12,179	12,346	12,174	12,347	12,648	12,766	12,456	12,533	12,605	12,712	12,716
Industries with unfilled orders Industries without unfilled orders	3,239 8,926	3,254 8,925	3,282 9,064	3,032 9,142	3,200 9,147	3,420 9,228	3,551 9,215	3,334 9,122	3,252 9,281	3,371 9,234	3,425 9,287	3,319 9,397
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
All manufacturing industries, total.	25,357	27,067	28,067	26,441	26,098	28,405	25,653	27,039	28,757	28,767	28,879	29,044
Durable goods industries, total	13,638	14,507	15,477	14,268	13,972	15,605	13,793	14,531	15,609	15,497	15,969	17,082
Primary metals, total	2,812 1,738	3,276 2,092	3,568 2,317	3,196 2,057	3,189 2,041	2,972 1,808	2,870 1,794	2,919 1,823	3,174 1,697	2,966 1,682	3,458 2,139	3,385 1,962
Febricated metal products	1,540 1,524 1,356 3,721 2,685	1,328 1,908 1,607 3,760 2,628	1,575 1,812 1,958 3,687 2,877	1,391 1,822 1,579 3,518 2,762	1,411 1,712 1,381 3,576 2,703	1,666 2,080 1,707 4,084 3,096	1,447 1,672 1,623 3,452 2,729	1,681 1,903 1,451 3,374 3,203	1,598 1,810 1,778 4,222 3,027	1,654 2,033 1,469 4,427 2,948	1,518 2,281 1,236 4,529 2,947	1,568 2,262 1,646 5,771 2,450
Nondurable goods industries, total	11,719	12,560	12,590	12,173	12,126	12,800	11,860	12,508	13,148	13,270	12,910	11,962
Industries with unfilled orders Industries without unfilled orders	3,110 8,609	3,371 9,189	3,396 9,194	3,051 9,122	3,231 8,895	3,604 9,196	3,121 8,739	3,200 9,308	3,326 9,822	3,550 9,720	3,585 9,325	3,099 8,863
					S	EASONALLY	ADJUSTED					
1954								[
All manufacturing industries, total.	21,324	21,726	21,158	21,880	21,195	21,849	22,036	21,995	23,305	24,118	22,924	24,589
Durable goods industries, total	9,993	10,309	9,723	10,166	9,751	10,290	10,504	10,453	11,688	12,641	11,145	12,604
Primary metals, total	1,324 613	1,548 811	1,589	1,547	1,597 760	1,702 861	1,673 828	1,787	2,079	2,151 1,254	2,321 1,393	2,570 1,545
Fabricated metal products	1,047 1,403 1,090 2,760 2,369	1,127 1,366 1,267 2,504 2,497	1,224 1,342 709 2,363 2,496	1,101 1,304 1,006 2,779 2,429	1,120 1,304 945 2,364 2,421	1,376 1,362 878 2,580 2,392	1,102 1,385 1,006 2,890 2,448	1,165 1,340 1,041 2,659 2,461	1,094 1,308 1,489 3,097 2,621	1,207 1,474 1,259 3,992 2,558	1,324 1,335 1,415 2,149 2,601	1,333 1,557 1,196 3,235 2,713
Nondurable goods industries, total	11,331	11,417	11,435	11,714	11,444	11,559	11,532	11,542	11,617	11,477	11,779	11,985
Industries with unfilled orders Industries without unfilled orders	2,872 8,459	2,863 8,554	2,900 8,535	2,981 8,733	3,024 8,420	3,037 8,522	2,890 8,642	2,995 8,547	3,105 8,512	2,962 8,515	3,082 8,697	3,256 8,729
	WITHOUT SEASONAL ADJUSTMENT ¹										- 7	
All manufacturing industries, total.	21,094	22,422	21,706	22,014	20,660	22,546	20,358	21,640	24,152	24,485	22 935	24,005
Durable goods industries, total	10,177	10,640	10,060	10,335	9,415	10,887	9,654	10,068	11.953	12.387	10,933	12,712
Primary metals, total	1,355	1,673 872	1,700	1,501	1,593	1,713	1,505	1,804	1,968	2,101	2.307	2,582 1,548
Fabricated metal products	992 1,371 1,065 3,109 2,285	1,105 1,476 1,304 2,605 2,477	1,277 1,375 713 2,409 2,586	1,112 1,373 1,080 2,831 2,438	1,028 1,269 901 2,219 2,405	1,402 1,480 970 2,729 2,593	1,015 1,283 968 2,504 2,379	1,265 1,271 934 2,133 2,661	1,191 1,248 1,611 3,196 2,739	1,272 1,429 1,275 3,708 2,602	1,295 1,289 1,310 2,197 2,535	1,286 1,620 1,155 3,771 2,298
Nondurable goods industries, total Industries with unfilled orders Industries without unfilled orders	10,917 2,755 8,162	11,782 2,968 8,814	11,646 3,015 8,631	11,679 3,001 8,678	11,245 3,065 8,180	11,659 3,208 8,451	10,704 2,527 8,177	11,572 2,850 8,722	12,199 3,185 9,014	12,096 3,105 8,993	12,002 3,260 8,742	11,293 3,050 8,243

Adjusted for trading-day and calendar month variation.

Table 4.-Manufactuerers' New Orders, by Industry Group: Months, 1947-1963-Continued

Industry group Jan. Roh March April May Jime July Aug. Sept. Oct. Nov. Dec. SEASONALLY ADJUSTED 1953 24,713 23,956 22,202 21,342 21,368 20,931 20,882 25.108 25,263 25.252 All manufacturing industries, total. 25,832 25.626 Durable goods industries, total...... 14,446 14,210 13,339 13,693 13,585 13,205 12,349 10,893 9,709 9,990 9,943 9.963 2,699 1,668 2,741 1,718 2,302 1,309 1,694 1,479 2,744 2,586 2,771 2 700 1.417 2,446 1,420 734 1,503 1,943 1,764 3,343 1,382 1,770 1,611 4,066 1,437 1,635 1,733 2,924 1,479 1,809 1,802 3,074 1,573 1,582 1,572 2,237 967 1.109 1.143 1,323 1,195 1,096 1,220 Fabricated metal products..... 1,754 1,632 3,406 2,729 1,461 1,429 1,454 3,851 1,445 1,448 1,461 Machinery, except electrical.........
Electrical machinery..... 1,047 2,700 2,411 928 2,451 2,501 956 2,337 2,230 2,449 2,487 3,149 2,935 3,024 2,830 2,505 2,685 11,570 11,667 11,508 11,607 11,309 11,633 11,378 10,988 10 919 11,386 11,416 11,769 Nondurable goods industries, total..... 2,924 2,709 2,997 3,115 8,654 3,107 3,153 3 033 2,725 3.031 Industries with unfilled orders...... 2,964 8,475 8,683 8,584 8,602 8,269 8,210 Industries without unfilled orders..... 8,514 WITHOUT SEASONAL ADJUSTMENT¹ 25,731 25,455 24,515 22,293 22,102 22,068 21,950 20,906 20,194 All manufacturing industries, total, 25,809 26,375 25,628 10.734 9,903 9,699 9,882 Durable goods industries, total..... 14,829 14,605 13,763 13,925 13,057 14,007 11,521 9.834 2,864 2,580 2,724 2,791 1,765 2,349 1,263 1,381 1,684 1,511 2.622 1,840 1,586 1,477 605 890 754 1,426 1,470 1,504 2,083 2,608 1,435 1,908 1,751 3,802 1,357 1,912 1,656 4,142 1,520 1,666 1,735 2,917 3,142 1,505 1,903 1,949 3,154 2,834 1,205 1,707 1,549 3,165 2,707 1,215 1,547 1,585 4,168 2,701 1,187 1,323 1,019 1,087 1,117 Fabricated metal products..... 1,499 1,035 2,192 2,522 1,404 1,529 1,371 1,407 1,062 2,589 1,103 2,030 2,694 844 2,431 2,708 2,445 All other durable goods industries 3,069 2,916 12,047 10,312 Nondurable goods industries, total..... 10,980 11,770 11,968 11,530 11,458 11,621 10,772 11,368 12,234 11,207 Industries with unfilled orders...... 2.883 3,231 8,737 3,002 2,879 2,540 3.118 Industries without unfilled orders..... 8,222 8,793 9,115 9,045 8,328 8,097 8,661 8,412

¹Adjusted for trading-day and calendar month variation.

Table 4.-Manufacturers' New Orders, by Industry Group: Months, 1947-1963-Continued

(Millions of dollars)

			(MIIII	ons of do	Liars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
1952												
All manufacturing industries, total.	21,706	21,254	24,128	23,488	22,137	24,454	22,763	23,169	23,685	23,349	24,039	24,296
Durable goods industries	10,853	10,546 10,708	13,110 11,018	12,661 10,827	11,065 11,072	13,158 11,296	11,821 10,942	11,945 11,224	12,526 11,159	11,806 11,543	12,318 11,721	12,890 11,406
<u>1951</u>												
All manufacturing industries, total.	27,316	26,053	26,065	24,734	23,915	23,712	23,098	21,472	22,299	22,458	22,509	23,099
Durable goods industries	15,098 12,218	13,983 12,070	14,712 11,353	13,842 10,892	13,280 10,635	13,046 10,666	12,584 10,514	11,128 10,344	11,085	11,921 10,537	11,441	11,722
1950												
All manufacturing industries, total.	16,305	16,797	16,413	17,714	18,609	18,897	22,992	24,667	22,488	22,292	21,154	23,79
Durable goods industries	7,471 8,834	7,569 9,228	7,783 8,630	8,559 9,155	9,244 9,365	9,351 9,546	11,706 11,286	13,848 10,819	11,942 10,546	12,162	10,840	12,398 11,393
1949												
All manufacturing industries, total.	16,622	15,995	15,403	15,231	14,879	14,200	14,984	15,876	16,442	16,031	15,974	15,727
Durable goods industries	7,167 9,455	7,044 8,951	6,611 8,792	6,224 9,007	6,095 8,784	5,749 8,451	6,021 8,963	6,690 9,186	6,893 9,549	6,979 9,052	7,051 8,923	7,131 8,596
1948												
All manufacturing industries, total.	17,080	16,623	17,044	17,370	17,862	18,387	18,257	18,513	18,082	18,366	17,810	17,072
Durable goods industries Nondurable goods industries	7,330 9,750	7,314 9,309	7,765 9,279	7,970 9,400	8,251 9,611	8,857 9,530	8,805 9,452	8,893 9,620	8,373 9,709	8,576 9,790	7,899	7,666 9,406
1947												
All manufacturing industries, total.	13,788	14,426	15,171	14,421	14,649	14,864	14,064	14,959	15,816	16,015	17,910	17,059
Durable goods industries Nondurable goods industries	5,446 8,342	5,962 8,464	6,096 9,075	5,894 8,527	6,195 8,454	6,062 8,802	5,796 8,268	5,296 8,663	6,841 8,975	6,922 9,093	7,634 10,276	7,627 9,432
					WITH	OUT SEASO	NAL ADJUS	TMENT ¹				
1952												
All manufacturing industries, total.	21,207	24,038	24,514	23,676	20,521	25,603	20,942	22,567	24,798	23,559	24,255	22,765
Durable goods industries	10,940 10,267	12,043 11,995	13,530 10,984	12,889 10,787	10,003 10,518	14,263 11,340	10,982 9,960	11,396 11,171	12,914 11,884	11,487 12,072	12,146 12,109	12,142 10,623
1951												
All manufacturing industries, total.	26,606	29,492	26,482	24,907	21,978	24,779	21,343	20,957	23,414	22,795	22,644	21,482
Durable goods industries Nondurable goods industries	15,143 11,463	15,983 13,509	15,183 11,299	14,077 10,830	11,806 10,172	14,116 10,663	11,791 9,552	10,661 10,296	11,473 11,941	11,718 11,077	11,269 11,375	10,866
1950												
All manufacturing industries, total.	15,800	18,997	16,676	17,803	17,027	19,747	21,314	24,174	23,680	22,716	21,260	22,126
Durable goods industries Nondurable goods industries	7,434 8,366	8,659 10,338	8,017 8,659	8,670 9,133	8,144 8,883	10,080 9,667	11,015	13,294 10,880	12,396 11,284	12,028	10,753	11,493
1949												
All manufacturing industries, total.	15,990	18,074	15,649	15,261	13,599	14,811	13,920	15,62/	17,363	16,384	16,086	14,610
Durable goods industries	7,045 8,945	8,051 10,023	6,803 8,846	6,274 8,987	5,376 8,223	6,174 8,637	5,672 8,248	6,416 9,206	7,176 10,187	6,944 9,440	7,037 9,049	6,625 7,985
1948		10.00										
All manufacturing industries, total.	16,363	18,751	17,300	17,335	16,362	19,159	16,997	18,291	19,131	18,844	17,935	15,843
Durable goods industries Nondurable goods industries	7,139 9,224	8,353 10,398	7,982 9,318	7,978 9,357	7,343 9,019	9,477 9,682	8,303 8,694	8,511 9,780	8,733 10,398	8,585 10,259	7,938	7,175 8,668
All manufacturing industries, total,	13,168	26.050	25.25	24.00								
All manufacturing industries, total. Durable goods industries	l '	16,258	15,383	14,363	13,448	15,473	13,108	14,794	16,749	16,479	18,035	15,814
Nondurable goods industries	5,266 7,902	6,803 9,455	6,261 9,122	5,865 8,498	5,557 7,891	6,468	5,466 7,642	6,019 8,775	7,142 9,607	6,957 9,522	7,687	7,169 8,645

Adjusted for trading-day and calendar month variation.

Table 5.--Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963

(Millions of dollars) Industry group Jan Feb. March Anril June A110. Sent. Oct. Nov. Dec. SEASONALLY ADJUSTED 48,424 50,246 50,565 All manufacturing industries, total. 47,809 49,353 49.542 Durable goods industries, total..... 45,736 46,681 47,530 47,864 46,745 4,090 2,366 4,383 4,220 Fabricated metal products..... 4,025 4,083 3,972 4,137 4,180 Machinery, except electrical, total 6,711 6,394 6,518 6,560 6,651 6,628 Engines and turbines..... Construction, mining, and material handling. Metalworking machinery..... 1,104 1.176 1,201 General industrial machinery..... 464 Electrical machinery, total..... Electrical transmission and distribu-6,979 7,000 7,040 tion equipment and industrial 1,516 1,514 1.439 1.461 1,485 1,501 and TV.....Communication equipment..... 383 3,383 3,382 3,365 Transportation equipment, total.......
Aircraft and parts..... 18,757 14,199 18,942 19,461 19,448 14,778 19,693 14,979 All other durable goods industries..... 5,213 5,236 5,224 5,232 Nondurable goods industries with unfilled 2.688 2,716 2,797 orders.... WITHOUT SEASONAL ADJUSTMENT All manufacturing industries, total, 47.789 48.574 49,876 50,190 50.524 49,836 49.916 Durable goods industries, total..... 45,126 45,923 47,241 47,655 46,929 47.004 3,938 4,310 4,809 5,291 5,222 3,411 4,477 4,059 Fabricated metal products..... 3,915 4,127 4,212 Machinery, except electrical, total.... 6,339 1,392 6,708 6,796 1.373 Engines and turbines..... 1,416 Construction, mining, and material 1,191 1,233 1,085 1,129 1,189 General industrial machinery..... 468 470 483 Electrical machinery, total..... Electrical transmission and distribu-6,876 6,845 6,984 7,098 7,118 tion equipment and industrial 1;414 1,435 1,478 1.520 1.518 1.530 and TV..... 361 381 418 409 Communication equipment..... 3,487 3.417 3.363 3,416 3,385 18,933 19,060 14,378 19,603 14,793 19,195 19,295 19,300 Transportation equipment, total..... Aircraft and parts..... 14,343 14,509 14,703 14,825 All other durable goods industries..... 5,125 5,170 5,215 5,230 5,338 5,498 Nondurable goods industries with unfilled 2,738 2,907 orders..... 2.663 2.869

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued

			(LITTEL)	ns of dol	10107							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
1962												
All manufacturing industries, total.	48,951	49,546	48,880	48,538	48,064	47,596	47,291	46,730	46,338	46,479	45,972	46,784
Durable goods industries, total	45,799	46,422	45,751	45,414	44,947	44,581	44,332	43,732	43,371	43,579	43,180	44,094
Primary metals, total	5,577 3,841	5,712 3,878	5,244 3,394	4,652 2,796	4,287 2,387	4,126 2,298	4,033 2,228	3,892 2,134	3,817 2,098	3,881 2,121	3,860 2,126	3,761 2,057
Fabricated metal products	4,095	4,112	4,122	4,116	4,132	4,105	4,130	4,082	4,085	4,034	3,980	3,944
Machinery, except electrical, total Engines and turbines Construction, mining, and material	6,376 1,441	6,530 1,437	6,560 1,402	6,524 1,404	6,441 1,384	6,333 1,354	6,318 1,379	6,268 1,351	6,190 1,330	6,271 1,339	6,254 1,332	6,304 1,341
handling. Metalworking machinery General industrial machinery	988 711 447	1,055 719 452	1,097 714 452	1,109 714 452	1,071 685 454	1,038 725 453	1,046 731 456	1,037 733 448	1,037 743 452	1,056 754 440	1,027 761 447	1,064 764 455
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	7,242	7,332	7,327	7,277	7,253	7,259	7,061	7,026	7,005	6,935	6,900	6,964
apparatus Household appliances, including	1,494	1,484	1,487	1,483	1,500	1,477	1,464	1,434	1,438	1,408	1,408	1,431
radio and TV	463 3,857	495 3,834	498 3,833	471 3,787	472 3,726	448 3,708	433 3,548	416 3,543	369 3,543	357 3,553	349 3,512	360 3,487
Transportation equipment, total	17,638 13,180	17,768 13,149	17,509 13,008	17,787 13,099	17,758 13,105	17,768 13,141	17,741 13,197	17,430 12,987	17,254 12,904	17,342 13,046	17,148 12,754	18,062 13,570
All other durable goods industries	4,871	4,968	4,989	5,058	5,076	4,990	5,049	5,034	5,020	5,116	5,038	5,059
Nondurable goods industries with unfilled orders	3,152	3,124	3,129	3,124	3,117	3,015	2,959	2,998	2,967	2,900	2,792	2,690
					WITHO	UT SEASON	AL ADJUST	MENT				
All manufacturing industries, total.	49,017	49,814	49,456	48,489	48,043	47,491	47,666	47,080	46,475	46,255	45,577	46,242
Durable goods industries, total	45,964	46,738	46,371	45,343	44,734	44,312	44,583	44,066	43,590	43,417	42,811	43,666
Primary metals, total Blast furnaces, steel mills	5,888 4,152	6,080 4,219	5,786 3,886	4,793 2,899	4,371 2,444	3,916 2,128	3,880 2,105	3,811 2,042	3,662 1,964	3,703 1,958	3,720 1,988	3,728 2,063
Fabricated metal products	4,047	4,123	4,129	4,113	4,152	4,106	4,176	4,143	4,159	4,054	3,955	3,796
Machinery, except electrical, total Engines and turbines Construction, mining, and material	6,338 1,431	6,594 1,435	6,637 1,415	6,616 1,420	6,489 1,394	6,354 1,355	6,394 1,389	6,272 1,346	6,156 1,313	6,210 1,333	6,157 1,318	6,159 1,346
handling. Metalworking machinery General industrial machinery	970 724 438	1,078 731 454	1,134 715 453	1,141 705 454	1,084 684 464	1,066 718 461	1,083 738 460	1,044 729 457	1,029 753 452	1,014 750 436	972 755 440	1,009 750 437
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	7,132	7,173	7,231	7,184	7,182	7,307	7,202	7,085	7,196	7,075	6,879	6,882
apparatus Household appliances, including	1,462	1,458	1,478	1,497	1,500	1,481	1,480	1,437	1,452	1,428	1,416	1,414
radio and TV Communication equipment	433 3,834	457 3,780	457 3,814	446 3,734	460 3,678	441 3,741	482 3,569	457 3,515	420 3,621	379 3,617	340 3,505	335 3,508
Transportation equipment, total Aircraft and parts	17,782 13,285	17,880 13,131	17,620 12,958	17,572 12,876	17,393 12,867	17,471 12,930	17,600 13,140	17,550 13,085	17,353 13,033	17,342 13,118	17,239 12,864	18,337 13,817
All other durable goods industries	4,777	4,888	4,968	5,065	5,147	5,158	5,331	5,205	5,064	5,033	4,861	4,764
Nondurable goods industries with unfilled orders	3,053	3,076	3,085	3,146	3,309	3,179	3,083	3,014	2,885	2,838	2,766	2,576

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued
(Millions of dollars)

	(Filtitons of detrars)											
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SI	EASONALLY	ADJUSTED					
<u>1961</u>												
All manufacturing industries, total.	45,736	45,724	45,342	45,840	45,979	46,142	46,533	46,955	47,030	47,317	47,732	48,343
Durable goods industries, total	43,011	42,942	42,515	42,880	42,951	43,064	43,426	43,850	43,855	44,112	44,524	45,173
Primary metals, total	3,519 1,990	3,390 1,978	3,383 1,984	3,740 2,293	3,916 2,431	4,103 2,585	4,108 2,578	4,241 2,699	4,173 2,607	4,148 2,562	4,420 2,880	5,129 3,501
Fabricated metal products	3,566	3,555	3,581	3,618	3,681	3,743	3,805	3,864	3,908	3,942	3,992	4,055
Machinery, except electrical, total Engines and turbines	5,909 1,292	5,874 1,308	5,887 1,373	5,846 1,400	5,807 1,416	5,930 1,453	5,999 1,455	6,069 1,468	6,087 1,443	6,115 1,423	6,204 1,442	6,254 1,435
handling. Metalworking machinery. General industrial machinery	825 688 420	811 682 427	806 674 428	821 667 429	812 666 437	842 674 444	861 685 441	877 704 449	910 696 449	913 685 462	915 692 476	983 693 453
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	7,217	7,235	7,059	7,012	7,008	6,809	6,871	6,922	7,053	7,171	7,179	7,184
apparatus	1,628	1,615	1,582	1,588	1,552	1,518	1,502	1,497	1,480	1,505	1,517	1,457
and TV	390 3,930	363 4,013	359 3,881	384 3,831	385 3,827	373 3,702	388 3,766	382 3,742	3,829	441 3,840	472 3,835	459 3,881
Transportation equipment, total Aircraft and parts	18,197 14,362	18,297 14,473	17,926 14,041	17,938 14,056	17,815 13,837	17,600 13,602	17,843 13,610	18,015 13,717	17,844 13,550	17,893 13,578	17,853 13,411	17,702 13,321
All other durable goods industries	4,603	4,591	4,679	4,726	4,724	4,879	4,800	4,739	4,790	4,843	4,876	4,849
Nondurable goods industries, with unfilled orders	2,725	2,782	2,827	2,960	3,028	3,078	3,107	3,105	3,175	3,205	3,208	3,170
					WITHO	UT SEASON	AL ADJUST	MENT				
All manufacturing industries, total.	45,645	45,727	45,649	45,788	45,894	46,103	46,871	47,260	47,155	47,068	47,331	47,868
Durable goods industries, total	42,995	42,985	42,843	42,810	42,694	42,856	43,640	44,131	44,054	43,942	44,157	44,818
Primary metals, total	3,667 2,135	3,588 2,156	3,694 2,256	3,838 2,371	3,982 2,484	3,890 2,407	3,946 2,439	4,140 2,588	3,995 2,448	3,939 2,365	4,236 2,693	5,094 3,501
Fabricated metal products	3,526	3,571	3,595	3,624	3,697	3,730	3,836	3,914	3,959	3,957	3,976	3,926
Machinery, except electrical, total Engines and turbines	5,892 1,283	5,928 1,306	5,945 1,383	5,915 1,413	5,840 1,423	5,949 1,458	6,058 1,465	6,070 1,463	6,059 1,431	6,065 1,417	6,114 1,429	6,125 1,437
handling	813 700 412	825 692 428	829 676 430	842 660 432	821 663 446	864 669 451	889 690 444	884 701 457	903 704 449	878 682 460	868 686 468	935 683 436
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	7,078	7,064	6,976	6,929	6,933	6,867	7,014	6,989	7,255	7,316	7,158	7,109
apparatus	1,584	1,581	1,572	1,596	1,545	1,525	1,524	1,508	1,499	1,528	1,523	1,440
and TV Communication equipment, total	358 3,899	330 3,953	330 3,858	365 3,781	372 3,781	376 3,732	436 3,792	420 3,720	503 3,909	465 3,909	456 3,835	3,900
Transportation equipment, total	18,331 14,456	18,331 14,417	17,981 13,978	17,767 13,876	17,456 13,586	17,390 13,478	17,722 13,561	18,112 13,788	17,943 13,658	17,905 13,650	17,956 13,532	17,989 13,576
All other durable goods industries	4,501	4,503	4,652	4,737	4,786	5,030	5,064	4,906	4,843	4,760	4,717	4,575
Nondurable goods industries, with unfilled orders	2,650	2,742	2,806	2,978	3,200	3,247	3,231	3,129	3,101	3,126	3,174	3,050

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued

(Millions of dollars) Sept. Oct. Dec. April May June Aug. Industry group Feb. March SEASONALLY ADJUSTED All manufacturing industries, total. 51.969 49,301 48,407 47,263 47,426 47,558 46,810 46.455 46,133 46,874 44,743 44.184 44.510 44,645 43.892 43,588 Durable goods industries, total..... 49,252 48,246 45,927 45.164 3.728 5,986 4,013 3.864 7,861 2,327 2,194 2,061 2.839 3,707 3,708 3,681 3,644 Fabricated metal products..... 3,893 3,853 6,038 5,924 6,380 5,962 5,908 Machinery, except electrical, total.... 853 838 820 915 867 1,018 999 handling...
Metalworking machinery.......
General industrial machinery...... 704 696 728 465 7,079 7,257 7,198 Electrical machinery, total..... 7.314 7,215 7,346 Electrical transmission and distribution equipment and industrial 1,620 1,625 1,628 1,621 1.661 1.640 apparatus..... Household appliances, including radio 371 and TV..... Communication equipment, total...... 368 3.982 4,078 4.087 4.043 18,020 14,010 17,976 18,432 18,774 18,443 18,351 18,393 14,480 Transportation equipment, total..... 18,426 18,063 13,816 18,079 13,927 Aircraft and parta..... 4,737 4,703 4,684 4,707 All other durable goods industries..... 5,045 4.801 Nondurable goods industries, with unfilled 2,864 3.530 WITHOUT SEASONAL ADJUSTMENT 47,689 All manufacturing industries, total, 50,961 49,304 48,301 47,909 47,620 47,758 46,568 46.163 45.820 48,528 45,900 44,885 44,572 44,807 44.840 43,737 43,344 43,187 Durable goods industries, total..... 3,924 8,220 4,981 3,091 3,479 Fabricated metal products..... 3,892 3,915 3,862 3,834 3,738 3,735 3,749 3,638 Machinery, except electrical, total.... Engines and turbines.... Construction, mining, and material 6,597 6,025 5,930 1,249 5,849 5,795 6,385 802 784 1,018 861 827 923 461 462 461 465 461 44: 405 Electrical machinery, total...... Electrical transmission and distribu-6,963 7,146 7.324 7,549 7,389 7,233 7,121 tion equipment and industrial 1.667 1.658 1.624 1.647 1,657 1.620 1,640 1.628 1,59: and TV..... 301 305 399 408 399 Communication equipment, total..... 4.047 3.944 4,087 4,284 Transportation equipment, total..... 18,608 18,246 18,425 17,934 17,878 17,864 13,979 18.828 18,438 18,461 18,743 14,783 Aircraft and parts..... 13,988 13,684 14,647 13,689 All other durable goods industries..... 4,945 4,962 4,807 5.041 4,908 4 955 5 052 4.553 Nondurable goods industries, with unfilled 3,500 3,404 3,337 3,198 2,849 orders.... 2,831 2,819

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued

			(Mill	ions of d	ollars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	det.	Nov.	Dec.
1959					SI	EASONALLY	ADJUSTED					
All manufacturing industries, total.	49,802	51,360	52,327	53,109	52,765	52,664	52,526	52,515	53,425	54,551	54,559	54,494
Durable goods industries, total	46,609	48,034	48,864	49,624	49,183	49,090	48,957	48,963	49,860	50,961	50,955	50,654
Primary metals, total	6,057 4,334	7,200 5,390	7,385 5,466	7,530 5,502	7,073 5,040	6,564 4,619	6,455 4,574	6,966 5,134	7,845 5,950	8,741 6,809	8,978 7,016	8,701 6,581
Fabricated metal products	3,687 5,794 7,089 19,224 4,758	3,829 5,872 7,061 19,192 4,880	3,885 6,053 7,316 19,258 4,967	3,843 6,093 7,349 19,700 5,109	3,786 6,200 7,309 19,662 5,153	3,771 6,291 7,568 19,778 5,118	3,749 6,358 7,613 19,603 5,179	3,733 6,370 7,659 19,082 5,153	3,735 6,467 7,721 18,992 5,100	3,801 6,536 7,743 19,040 5,100	3,889 6,580 7,667 18,717 5,124	3,934 6,737 7,628 18,564 5,090
Nondurable goods industries with unfilled orders	3,193	3,326	3,463	3,485	3,582	3,574	3,569	3,552	3,565	3,590	3,604	3,840
					WITHOU	UT SEASON	AL ADJUST	MENT				
All manufacturing industries, total.	49,810	51,499	52,950	53,076	52,533	52,612	52,869	52,823	53,405	53,913	54,044	54,101
Durable goods industries, total	46,697	48,241	49,555	49,612	48,805	48,850	49,132	49,206	49,907	50,442	50,514	50,428
Primary metals, total	6,248 4,512	7,646 5,783	7,974 5,974	7,663 5,629	7,121 5,106	6,281 4,402	6,239 4,386	6,830 5,001	7,582 5,700	8,277 6,366	8,606 6,637	8,647 6,548
Fabricated metal products	3,635 5,777 6,889 19,496 4,652	3,847 5,894 6,847 19,201 4,806	3,912 6,105 7,202 19,431 4,931	3,846 6,124 7,249 19,632 5,098	3,799 6,196 7,233 19,285 5,171	3,752 6,276 7,691 19,636 5,214	3,781 6,372 7,873 19,426 5,441	3,768 6,385 7,844 19,014 5,365	3,748 6,483 7,940 18,941 5,213	3,807 6,522 7,862 18,958 5,016	3,871 6,520 7,632 18,858 5,027	3,860 6,621 7,522 18,966 4,812
Nondurable goods industries with unfilled orders.	3,113	3,258	3,395	3,464	3,728	3,762	3,737	3,617	3,498	3,471	3,530	3,673
	3,113 3,258 3,395 3,464 3,728 3,762 3,737 3,617 3,498 3,471 3,530 3,6 SEASONALLY ADJUSTED											
<u>1958</u>												
All manufacturing industries, total.	51,126	49,628	48,921	48,173	47,854	47,804	47,934	47,831	47,634	48,141	48,871	48,882
Durable goods industries, total	48,325	46,924	46,254	45,462	45,135	45,047	45,148	44,945	44,715	45,114	45,752	45,739
Primary metals, total	5,598 3,981	5,128 3,623	4,741 3,339	4,578 3,213	4,558 3,205	4,483 3,098	4,576 3,141	4,667 3,205	4,825 3,358	5,023 3,485	5,353 3,687	5,465 3,801
Fabricated metal products	3,936 6,631 6,749 21,098 4,313	3,743 6,362 6,894 20,557 4,240	3,625 6,098 6,864 20,802 4,124	3,583 6,013 6,828 20,342 4,118	3,566 5,849 6,936 20,075 4,151	3,574 5,784 6,881 20,071 4,254	3,585 5,663 6,935 20,167 4,222	3,599 5,740 6,899 19,801 4,239	3,584 5,752 6,926 19,304 4,324	3,589 5,753 6,892 19,492 4,365	3,621 5,746 6,966 19,680 4,386	3,649 5,740 7,078 19,219 4,588
Nondurable goods industries with unfilled orders	2,801	2,704	2,667	2,711	2,719	2,757	2,786	2,886	2,919	3,027	3,119	3,143
	WITHOUT SEASONAL ADJUSTMENT											
All manufacturing industries, total.	51,322	49,732	49,375	48,097	47,548	47,819	48,274	48,183	47,652	47,611	48,551	48,785
Durable goods industries, total	48,574	47,079	46,750	45,420	44,759	44,917	45,334	45,227	44,784	44,684	45,482	45,709
Primary metals, total	5,693 4,061	5,373 3,811	5,036 3,563	4,632 3,268	4,566 3,234	4,318 2,990	4,476 3,059	4,625 3,176	4,726 3,264	4,813 3,293	5,194 3,528	5,435 3,771
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries.	3,881 6,642 6,564 21,565 4,229	3,735 6,399 6,685 20,681 4,206	3,635 6,143 6,744 21,061 4,131	3,573 6,022 6,744 20,320 4,129	3,585 5,817 6,879 19,738 4,174	3,568 5,742 7,014 19,962 4,313	3,632 5,644 7,209 19,971 4,402	3,638 5,768 7,109 19,686 4,401	3,615 5,787 7,112 19,137 4,407	3,597 5,755 6,965 19,275 4,279	3,577 5,730 6,912 19,789 4,280	3,589 5,666 6,953 19,716 4,350
Nondurable goods industries with unfilled orders	2,748	2,653	2,625	2,677	2,789	2,902	2,940	2,956	2,868	2,927	3,069	3,076

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued

											, ,	
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					s	EASONALLY	ADJUSTED					
1957												
All manufacturing industries, total.	66,906	66,833	65,896	65,110	64,460	63,226	61,445	59,680	58,212	56,139	54,643	53,183
Durable goods industries, total	63,626	63,610	62,744	. 61,879	61,241	59,990	58,263	56,565	55,153	53,242	51,792	50,352
Primary metals, total	9,525 7,395	9,388 7,214	9,253 7,022	9,132 6,967	8,930 6,793	8,832 6,683	8,411 6,339	7,991 5,996	7,840 5,819	7,561 5,612	6,957 5,139	6,281 4,548
Fabricated metal products. Machinery, except electrical. Electrical machinery Transportation equipment. All other durable goods industries.	5,079 9,029 7,389 27,529 5,075	5,062 8,963 7,478 27,610 5,109	5,005 8,939 7,378 27,087 5,082	4,915 8,704 7,423 26,702 5,003	4,913 8,548 7,397 26,607 4,846	4,803 8,329 7,455 25,742 4,829	4,761 8,211 7,291 24,838 4,753	4,623 8,001 7,278 24,005 4,667	4,558 7,830 7,109 23,195 4,621	4,443 7,540 7,070 22,093 4,535	4,248 7,224 6,969 21,979 4,415	4,078 6,897 6,880 21,693 4,523
Nondurable goods industries with unfilled orders	3,280	3,223	3,152	3,231	3,219	3,236	3,180	3,115	3,059	2,897	2,851	2,831
					WITHO	UT SEASON	AL ADJUST	MENT				
All manufacturing industries, total.	67,290	67,241	66,621	64,959	63,951	63,009	61,751	60,065	58,199	55,424	54,221	53,251
Durable goods industries, total	64,057	64,073	63,557	61,812	60,678	59,597	58,378	56,852	55,184	52,626	51,417	50,464
Primary metala, total	9,504 7,351	9,666 7,402	9,712 7,359	9,184 7,023	8,953 6,854	8,574 6,523	8,353 6,301	8,032 6,056	7,765 5,749	7,295 5,376	6,774 4,969	6,216 4,475
Fabricated metal products. Machinery, except electrical. Electrical machinery Transportation equipment. All other durable goods industries.	5,006 9,090 7,136 28,356 4,965	5,029 9,070 7,178 28,078 5,052	5,017 9,032 7,189 27,522 5,085	4,882 8,705 7,316 26,725 5,000	4,934 8,450 7,339 26,158 4,844	4,812 8,243 7,626 25,470 4,872	4,841 8,163 7,652 24,423 4,946	4,686 8,045 7,574 23,632 4,883	4,628 7,854 7,337 22,857 4,743	4,459 7,522 7,129 21,760 4,461	4,169 7,240 6,889 22,019 4,326	4,024 6,853 6,733 22,354 4,284
Nondurable goods industries with unfilled orders	3,233	3,168	3,064	3,147	3,273	3,412	3,373	3,213	3,015	2,798	2,804	2,787
	- ,,,,,,,	-,200		- 12.11	-,2.12	2) 122	2,515	2,1.22	-,025	2,111	2,555	
			,		S	EASONALLY	ADJUSTED					
1956										1		
All manufacturing industries, total.	61,330	61,509	61,829	62,969	63,320	63,474	65,006	66,958	67,097	67,022	67,191	67,375
Durable goods industries, total	57,550	57,781	58,187	59,409	59,955	60,219	61,699	63,605	63,716	63,560	63,809	63,880
Primary metals, total	8,974 6,906	9,165 6,978	9,047 6,915	8,975 6,750	8,966 6,815	8,672 6,579	9,603 7,513	10,006 7,899	9,862 7,829	9,821 7,806	9,864 7,813	9,833 7,704
Fabricated metal products	4,662 7,534 6,366 24,846 5,168	4,707 7,753 6,330 24,675 5,151	4,689 7,932 6,408 24,937 5,174	5,212 8,171 6,527 25,285 5,239	5,184 8,399 6,643 25,439 5,324	5,049 8,603 6,772 25,859 5,264	5,046 8,715 6,845 26,263 5,227	5,062 8,755 6,898 27,711 5,173	5,142 8,840 6,896 27,926 5,050	5,075 8,904 7,044 27,610 5,106	5,043 9,032 7,243 27,527 5,100	5,109 9,071 7,231 27,575 5,061
Nondurable goods industries with unfilled orders	3,780	3,728	3,642	3,560	3,365	3,255	3,307	3,353	3,381	3,462	3,382	3,495
	WITHOUT SEASONAL ADJUSTMENT											
All manufacturing industries, total.	61,774	62,032	62,441	62,723	62,751	63,202	65,255	67,432	67,128	66,158	66,515	67,473
Durable goods industries, total	58,042	58,359	58,890	59,299	59,351	59,756	61,722	63,988	63,785	62,819	63,195	64,067
Primary metals, total	8,810 6,720	9,253 6,985	9,358 7,109	8,985 6,763	8,998 6,883	8,504 6,513	9,695 7,618	10,244 8,152	9,873 7,837	9,535 7,556	9,630 7,610	9,679 7,535
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries	4,607 7,625 6,198 25,737 5,065	4,654 7,894 6,145 25,308 5,105	4,707 8,018 6,244 25,360 5,203	5,181 8,170 6,451 25,274 5,238	5,181 8,278 6,603 24,980 5,311	5,088 8,515 6,869 25,492 5,288	5,131 8,659 7,165 25,662 5,410	5,155 8,800 7,176 27,176 5,437	5,238 8,786 7,130 27,538 5,220	5,076 8,840 7,104 27,222 5,042	4,920 9,058 7,133 27,441 5,013	5,048 9,075 7,030 28,468 4,767
Nondurable goods industries with unfilled orders	3,732	3,673	3,551	3,424	3,400	3,446	3,533	3,444	3,343	3,339	3,320	3,406

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued (Millions of dollars)

			(1122	Lions of d	ioliulo)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	SEASONALLY ADJUSTED											
1955												
All manufacturing industries, total.	49,155	49,910	51,227	51,471	51,750	52,442	53,532	54,276	55,412	57,002	58,167	60,004
Durable goods industries, total	46,029	46,651	47,840	48,197	48,544	49,095	49,907	50,564	51,743	53,210	54,367	56,241
Primary metale, total	4,950 3,877	5,526 4,412	6,296 5,088	6,845 5,568	7,246 5,895	7,329 5,916	7,592 6,039	7,681 6,105	8,022 6,226	8,218 6,362	8,611 6,704	8,892 6,925
Fabricated metal products	4,146 -5,169 5,255 21,615 4,894	4,131 5,281 5,305 21,573 4,835	4,212 5,398 5,744 21,393 4,797	4,201 5,511 5,720 21,062 4,858	4,234 5,601 5,636 20,983 4,844	4,325 5,800 5,694 21,067 4,880	4,336 5,919 5,920 21,192 4,948	4,428 6,155 6,014 21,218 5,068	4,446 6,300 6,149 21,787 5,039	4,542 6,548 6,150 22,654 5,098	4,605 6,962 6,047 22,996 5,146	4,648 7,270 6,273 24,065 5,093
Nondurable goods industries with unfilled orders	3,126	3,259	3,387	3,274	3,206	3,347	3,625	3,712	3,669	3,792	3,800	3,763
	WITHOUT SEASONAL ADJUSTMENT											
All manufacturing industries, total.	49,611	50,378	51,604	51,258	51,284	52,281	53,860	54,708	55,586	56,350	57,513	60,044
Durable goods industries, total	46,506	47,157	48,313	48,136	48,055	48,715	49,983	50,912	51,942	52,724	53,775	56,369
Primary metals, total	4,819 3,734	5,490 4,341	6,416 5,144	6,822 5,546	7,253 5,919	7,257 5,916	7,784 6,238	7,996 6,422	8,120 6,313	8,033 6,216	8,400 6,536	8,705 6,717
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries.	4,116 5,237 5,163 22,373 4,798	4,090 5,394 5,190 22,203 4,790	4,253 5,457 5,610 21,743 4,834	4,194 5,517 5,671 21,061 4,871	4,215 5,529 5,605 20,603 4,850	4,360 5,745 5,733 20,718 4,902	4,410 5,886 6,159 20,647 5,097	4,515 6,173 6,233 20,692 5,303	4,511 6,218 6,369 21,537 5,187	4,515 6,480 6,206 22,453 5,037	4,494 6,962 5,968 22,908 5,043	4,612 7,309 6,120 24,815 4,808
Nondurable goods industries with unfilled orders.	3,105	3,221	3,291	3,122	3,229	3,566	3,877	3,796	3,644	3,626	3,738	3,675
	SEASONALLY ADJUSTED											
1954												
All manufacturing industries, total.	58,766	57,090	54,571	52,837	51,215	49,599	48,347	47,346	47,705	48,969	48,210	48,266
Durable goods industries, total	56,182	54,493	51,997	50,172	48,378	46,706	45,518	44,525	44,819	46,129	45,313	45,250
Primary metals, total	5,756 4,482	5,302 4,117	4,847 3,779	4,388 3,354	3,999 3,001	3,687 2,718	3,377 2,475	3,319 2,386	3,430 2,518	3,650 2,741	3,935 3,007	4,427 3,429
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries.	4,740 7,156 8,192 25,204 5,134	4,556 6,871 8,124 24,553 5,087	4,409 6,603 7,253 23,981 4,904	4,228 6,334 6,826 23,644 4,752	4,062 6,079 6,431 23,098 4,709	4,072 5,866 5,987 22,384 4,710	3,859 5,707 5,729 22,155 4,691	3,795 5,531 5,479 21,729 4,672	3,699 5,362 5,604 22,011 4,713	3,697 5,326 5,570 23,147 4,739	3,790 5,145 5,573 22,118 4,752	3,843 5,148 5,305 21,747 4,780
Nondurable goods industries with unfilled orders	2,584	2,597	2,574	2,665	2,837	2,893	2,829	2,821	2,886	2,840	2,897	3,016
	WITHOUT SEASONAL ADJUSTIPENT											
All manufacturing industries, total.	58,982	57,228	54,770	52,743	50,748	49,617	48,660	47,478	47,841	48,523	47,576	48,195
Durable goods industries, total	56,420	54,660	52,216	50,155	47,907	46,531	45,631	44,590	44,950	45,791	44,724	45,233
Primary metals, total	5,618 4,325	5,235 4,018	4,892 3,775	4,371 3,337	3,990 3,004	3,652 2,734	3,485 2,586	3,470 2,536	3,485 2,563	3,590 2,700	3,836 2,935	4,320 3,309
Fabricated metal products. Machinery, except electrical. Electrical machinery. Transportation equipment. All other durable goods industries.	4,723 7,277 7,833 25,961 5,008	4,509 7,030 7,685 25,213 4,988	4,455 6,664 6,988 24,287 4,930	4,240 6,344 6,731 23,717 4,752	4,036 6,008 6,383 22,792 4,698	4,107 5,803 6,029 22,222 4,718	3,929 5,682 5,962 21,746 4,827	3,873 5,542 5,662 21,151 4,892	3,737 5,288 5,805 21,779 4,856	3,646 5,276 5,623 22,967 4,689	3,694 5,123 5,496 21,933 4,642	3,818 5,173 5,198 22,210 4,514
Nondurable goods industries with unfilled orders	2,562	2,568	2,554	2,588	2,841	3,086	3,029	2,888	2,891	2,732	2,852	2,962



60

Table 5.--Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	SEASCHALLY ADJUSTED											
<u>1953</u>												
All manufacturing industries, total.	77,602	77,971	77,220	76,768	76,783	76,225	73,850	71,311	67,852	65,256	63,263	61,178
Durable goods industries, total	74,407	74,834	74,026	73,513	73,423	72,894	70,706	68,456	64,967	62,432	60,579	58,637
Primary metals, total	10,513 8,005	10,447 7,917	10,336 7,847	10,233 7,740	10,212 7,794	10,244 7,823	9,822 7,602	9,421 7,357	8,502 6,593	7,579 5,829	7,113 5,483	6,516 5,054
Fabricated metal products	6,467 9,442 10,506 30,887 6,592	6,414 0,334 10,501 31,551 6,587	6,317 9,196 10,242 31,314 6,621	6,365 9,144 10,270 30,936 6,565	6,232 9,116 10,156 31,229 6,478	5,884 8,609 9,930 31,637 6,390	5,857 8,620 9,736 30,464 6,207	5,594 8,350 9,469 29,608 6,014	5,482 8,240 8,985 27,967 5,791	5,228 7,898 8,968 27,088 5,671	5,102 7,683 8,834 26,454 5,393	5,011 7,431 6,697 25,607 5,375
Nondurable goods industries with unfilled orders	3,195	3,137	3,194	3,255	3,360	3,331	3,144	2,855	2,885	2,824	2,684	2,541
	WITHOUT SEASONAL ADJUSTMENT											
All manufacturing industries, total,	77,649	77,828	77,267	76,610	76,020	76,111	74,992	72,230	68,650	64,812	62,243	60,346
Durable goods industries, total	74,494	74,729	74,078	73,443	72,660	72,555	71,617	69,308	65,745	62,111	19,602	57,854
Primary metals, total	10,333 7,781	10,301 7,711	10,366 7,776	10,187 7,694	10,133 7,755	10,160 7,870	10,184 7,967	9,902 7,828	8,666 6,731	7,522 5,806	6,923 5,340	6,342 4,862
Fabricated metal products	6,459 9,621 9,964 31,711 6,406	6,350 9,566 9,816 32,254 6,442	6,387 9,275 9,787 31,609 6,654	6,403 9,163 10,057 31,089 6,544	6,198 9,017 10,057 30,817 6,438	5,913 8,679 10,090 31,376 6,337	5,987 8,582 10,408 30,069 6,387	5,713 8,361 10,088 28,879 6,365	5,531 8,138 9,590 27,768 6,052	5,128 7,831 9,109 26,876 5,645	4,962 7,629 8,548 26,247 5,293	4,980 7,461 8,095 25,922 5,054
Nondurable goods industries with unfilled orders.	3,155	3,099	3,189	3,167	3,360	3,556	3,375	2,922	2,905	2,701	2,641	2,492

Table 5.-Manufacturers' Unfilled Orders, by Industry Group: End of Month, 1947-1963-Continued

Property		(Millions of dollars)												
All manufacturing industries, total, 60,100 60,310 70,512 70,520 71,833 79,776 70,924 70,924 70,925 70,626 73,646 73,646 73,046 73	Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Depart Control profile C	1952				,	S	BASONALLY	ADJUSTED		,				
Description Control print Control Cont	All manufacturing industries, total.	66,169	65,310	70.812	70,452	71.838	75.374	74.934	78.251	76,554	75,607	78,768	75,649	
All manufacturing industries, total, 46,333 91,701 55,352 58,819 99,462 63,165 64,197 63,248 66,80 64,707 66,777 69,785 58,610 2003 chalacteries	Durable goods industries Nondurable goods industries	62,696	61,889	67,415	67,328	68,657	71,940	71,613	74,782	73,488	72,399	75,448	72,480	
Demahls goods Industries 6,015 6,025 6	<u>1951</u>													
Declarable goods industries 1952	All manufacturing industries, total.	46,332	51,701	55,352	58,819	59,462	63,165	64,197	63,248	66,809	64,747	66,377	69,785	
All manufacturing industries, total, 24,660 25,119 24,993 26,469 26,102 27,308 31,228 34,005 37,334 38,999 39,919 43,035 50 Durable goods industries. 40,462 4,664 4,223 4,411 4,571 22,779 5,570 5,570 5,677 6,036 3,989 59,919 43,035 68,83	Durable goods industries Nondurable goods industries	40,u18 6,314	44,842 6,859	48,617 6,735	52,211 6,608	53,393 6,069				62,539 4,270		62,566 3,811	65,835 3,950	
Durable goods industries. 20,207 20,675 20,670 22,038 21,231 22,779 35,607 58,607 6,006 3,999 5,911 6,227 19.00 19	<u>1950</u>													
Nondurable goods industries	All manufacturing industries, total.	24,649	25,319	24,993	26,469	26,102	27,308	31,258	34,024	37,354	38,959	39,919	43,055	
All manufacturing industries, total, 30,320 28,776 27,199 26,594 25,314 23,604 23,688 22,608 23,110 24,003 23,952 24,506 Durable goods industries. 26,172 24,911 23,503 22,733 21,538 19,918 19,707 18,416 18,393 19,227 19,221 20,018 19,000 19	Nondurable goods industries					21,531 4,571		25,491 5,767					36,838 6,217	
Durable goods industries. 26,172 24,911 23,201 22,733 21,238 19,918 19,707 18,416 18,993 19,257 19,221 20,013 20,013 20,024 20,0														
1048 All manufacturing industries			,	1	,	· '	1		1				1	
All manufacturing industries, total, 34,000 32,963 32,840 32,842 33,499 33,028 33,521 33,000 32,731 32,969 31,825 30,717 Durable goods industries. 28,144 27,540 5,630 6,631 37,921 38,067 27,468 27,467 28,198 27,853 28,866 28,627 28,217 28,193 27,508 26,601 1047 All manufacturing industries, total, 36,831 37,921 38,067 36,484 36,683 36,976 34,799 35,402 34,607 33,787 36,027 34,415 Durable goods industries. 31,330 31,639 32,256 30,707 30,926 30,567 28,962 29,470 28,822 27,929 29,773 88,532 (Nondurable goods industries, total, 66,006 68,324 70,176 71,364 70,662 74,009 76,704 77,080 77,469 76,453 79,384 75,478 Durable goods industries, total, 66,006 68,324 70,176 71,364 70,662 74,009 76,704 77,080 77,469 76,453 79,384 75,478 Durable goods industries, total, 47,618 31,988 59,956 88,328 59,636 61,897 64,442 64,741 64,963 65,006 66,132 69,384 69,394 61,394	Nondurable goods industries		24,911 3,865		22,733 3,861	21,538 3,776	19,918 3,686	19,707 3,981	18,416 4,192	18,393 4,723	19,257 4,746	19,321 4,631	20,018 4,488	
Durable goods industries.														
Nondurable goods industries, 5,686 5,422 5,772 5,345 5,701 5,175 4,935 4,774 4,484 4,456 4,317 4,116 1947 All manufacturing industries, total, 36,831 37,991 38,067 36,484 36,683 36,976 34,739 35,402 34,607 33,787 36,027 34,415 Durable goods industries, 5,521 5,522 5,811 5,777 3,779 6,009 20,877 28,962 29,470 28,822 27,929 29,773 28,583 WITHOUT SEASONAL ADJUSTMENT MIRE SEASON							1	1	1		1		1	
All manufacturing industries, total. 36,831 37,991 38,067 36,484 36,683 36,976 34,739 32,402 34,607 33,787 36,027 34,415 Durable goods industries. 31,310 31,839 32,256 30,707 30,986 30,987 28,962 29,470 28,822 27,929 29,773 28,532 5,883 57,521 5,522 5,811 5,777 5,727 5,727 6,009 76,704 72,503 5,785 5,883 6,224 5,883 5,883 5,883 6,224 5,883	Nondurable goods industries	5,686	5,423	5,372	5,345	28,198 5,301	27,853 5,175	28,586 4,935	28,626 4,774	28,247	28,513 4,456	27,508 4,317		
Durable goods industries. 31,310 31,839 32,256 30,707 30,926 30,567 28,962 29,470 28,822 27,929 29,773 28,583 50,581 5,582 5,683 5,581 5,582 5,683 5,787 5,787 6,009 5,777 5,792 5,782 5,782 5,883 5,883 50,583 5,883 5,		26 823	207 207	20 000	20 101	DC 400	26 600	n/ Mno	25 100	01.600	22 848	04 000	21.125	
Nondurable goods industries 5,521 5,522 5,811 5,777 5,779 6,009 5,777 5,932 5,783 5,858 6,294 5,883				1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,				
All manufacturing industries, total. 68,006 68,324 70,176 71,364 70,652 74,009 76,704 77,080 77,469 76,453 75,384 75,478 Durable goods industries. 64,371 64,685 66,810 63,268 67,366 3,268 67,364 73,260 73	Nondurable goods industries	5,521	5,552	5,811	5,777	5,757	6,009	5,777	5,932	5,785	5,858	6,254	5,883	
All manufacturing industries, total. 68,006 68,324 70,176 71,364 70,652 74,009 76,704 77,080 77,469 76,453 75,334 75,478 Durable goods industries. 64,371 64,685 66,810 68,268 73,666 3,268 73,268 73,220 73,812 74,366 73,260 73,279 72,217 All manufacturing industries, total. 47,618 51,988 55,956 58,328 59,636 61,897 64,442 64,741 64,963 65,606 66,178 66,862 Durable goods industries. 41,087 45,050 49,049 51,826 53,438 56,134 59,137 64,243 4,152 3,783 3,800 3,785 All manufacturing industries, total. 24,843 25,483 25,738 25,738 26,191 27,335 30,728 24,863 37,042 38,791 39,839 41,166 Durable goods industries. 20,125 20,790 21,223 21,449 21,549 22,379 25,085 28,988 31,057 32,895 33,940 35,222 Nondurable goods industries. 42,997 28,989 28,010 26,372 4,289 4,602 4,956 5,643 23,870 23,500 23,982 23,877 Durable goods industries. 22,560 25,738 33,800 3,828 3,829 3,829 3,870 4,218 4,778 4,228 4,778 4,289 4,861 37,707 33,800 23,982 33,807 34,228 4,861 31,057 32,500 23,982 33,800 35,222 Nondurable goods industries. 42,943 29,483 29,738 29,738 29,738 29,738 29,739 29,839 31,957 32,895 33,940 35,222 Nondurable goods industries. 22,560 25,738 28,940 3,759 3,758 3,865 3,870 4,218 4,778 4,668 4,500 4,737 3,708 3,869 3,869 3,869 3,870 4,218 4,778 4,668 4,500 4,737 3,708 3,869 3,869 3,869 3,870 4,218 4,778 4,668 4,530 4,731 3,948 3,948 3,869 3,870 4,218 4,778 4,668 4,530 4,731 3,948 3,868 3,870 4,218 4,778 4,668 4,530 4,731 3,948 3,868 3,870 4,218 4,778 4,668 3,879 3,889 3,949 3,869 3,870 4,218 4,778 4,668 4,530 4,731 3,948 3,868 3,869						WITHO	UT SEASON	AL ADJUST	MENT					
Durable goods industries. 64,371 64,683 66,810 68,268 3,096 3,268 3,422 3,477 73,230 73,812 74,366 73,363 72,279 72,337 80ndurable goods industries. 5,108 5,096 58,288 59,636 61,897 64,442 64,741 64,963 65,606 66,178 66,862 61,788 69,707 6,702 61,	<u>1952</u>													
Nondurable goods industries, 1930 All manufacturing industries, total. 47,618 51,988 55,956 58,328 59,636 61,897 64,442 64,741 64,963 65,606 66,178 66,862 Durable goods industries. 41,087 45,050 49,049 51,826 53,438 56,284 59,337 60,243 60,611 61,823 62,378 63,077 80ndurable goods industries. 64,531 64,937 65,022 61,988 55,035 51,055 44,938 41,120 37,033 3,000 3,003 3,0	All manufacturing industries, total.	68,006	68,324	70,176	71,364	70,652	74,009	76,704	77,080	77,469	76,453	75,384	75,478	
All manufacturing industries, total. 47,618 51,988 55,956 58,328 59,636 61,897 64,442 64,741 64,963 65,606 66,178 66,862 Durable goods industries. 41,687 45,050 49,049 31,826 53,428 56,284 59,337 60,248 60,211 61,823 62,378 63,077 Nondurable goods industries. 50,531 6,938 6,937 6,262 6,188 5,613 5,105 64,463 44,122 3,783 3,800 3,785 All manufacturing industries, total. 24,843 25,483 25,738 25,738 26,151 27,335 30,728 34,863 37,042 38,791 39,839 41,166 Durable goods industries. 20,325 20,790 21,223 21,449 21,549 22,379 25,035 28,988 31,057 32,895 33,940 35,222 Nondurable goods industries. 45,518 4,693 4,515 4,289 4,602 4,956 5,643 5,875 5,875 5,896 5,899 5,944 1940 All manufacturing industries, total. 29,97 28,989 28,010 26,372 24,871 23,604 23,263 23,165 23,370 23,500 23,952 23,877 Durable goods industries. 25,866 25,073 24,104 22,343 21,117 19,381 19,393 18,947 18,994 18,892 19,302 19,504 Nondurable goods industries, total. 34,233 33,892 33,807 32,263 32,962 33,965 33,967 44,693 44,693 44,693 44,693 47,693 4	Durable goods industries Nondurable goods industries	64,371 3,635		66,810 3,366	68,268 3,096	67,384 3,268	70,567 3,442	73,230 3,474	73,812 3,268	74,366 3,103	73,360 3,093	72,279 3,105	72,317 3,161	
Durable goods industries	1951													
Nondurable goods industries, total, 24,843 25,483 25,738 25,738 26,151 27,335 30,728 34,863 37,042 38,791 39,839 41,166 Durable goods industries. 20,325 20,790 21,223 21,449 21,549 22,379 25,085 28,988 31,057 32,895 33,940 35,222 Nondurable goods industries, total, 29,957 28,989 28,010 26,372 24,871 23,604 23,263 23,165 23,370 23,500 23,952 23,877 Durable goods industries. 25,806 25,073 24,104 22,543 21,117 19,918 19,333 18,947 18,984 18,892 19,302 19,504 Nondurable goods industries. 4,151 3,916 3,906 3,829 3,754 3,686 3,870 4,218 4,776 4,608 4,650 4,373 1948 All manufacturing industries, total, 24,233 33,820 33,820 33,267 32,263 32,962 33,546 33,527 33,058 32,377 31,824 30,552 Durable goods industries. 28,451 28,391 28,914 27,825 27,101 27,825 28,695 28,881 28,292 28,093 27,433 26,459 Nondurable goods industries. 28,451 28,391 28,391 28,391 4,284 4,646 4,530 4,319 4,371 4,093 1947 All manufacturing industries, total, 37,777 37,702 37,763 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, total, 37,777 37,702 37,703 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, total, 37,777 37,702 37,703 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, total, 37,777 37,702 37,703 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, 5041, 37,777 37,702 37,703 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, 5041, 37,777 37,702 37,703 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, 5041, 37,777 37,702 37,703 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries, 5041, 37,777 37,702 37,703 36,993 35,965 35,984 29,666 29,117 29,052 28,560 28,523 32,339		,	, i		,				1	1 1	1	_ ^	1	
All manufacturing industries, total. 24,843 25,463 25,738 25,738 26,151 27,335 30,728 34,863 37,042 38,791 39,839 41,166 Durable goods industries. 20,325 20,790 21,223 21,449 21,549 22,379 25,035 28,988 31,057 32,895 33,940 35,222 Nondurable goods industries, total. 29,957 28,989 28,010 26,372 24,871 23,604 23,263 23,165 23,370 23,500 23,952 23,877 Durable goods industries. 25,866 25,773 24,104 22,543 21,117 19,918 19,333 18,477 18,994 18,892 19,302 19,504 Nondurable goods industries. 4,121 3,916 3,906 33,829 3,754 3,686 3,870 4,218 4,776 4,608 4,650 4,771 Durable goods industries. 22,8451 28,291 23,883 33,267 32,263 32,962 33,546 33,527 33,098 22,377 31,824 30,552 Durable goods industries. 28,451 28,291 28,174 27,825 27,101 27,825 28,695 28,881 28,282 28,083 22,453 24,579 All manufacturing industries, total. 37,777 37,702 37,763 36,993 53,965 35,735 35,466 34,801 34,917 34,480 34,583 34,266 Durable goods industries, total. 37,777 37,702 37,763 36,993 53,965 35,735 35,466 34,801 34,917 24,480 34,583 34,266 Durable goods industries. 32,209 32,077 31,902 31,004 30,209 29,894 29,666 29,117 29,902 82,550 28,553 28,333 34,266	Durable goods industries Nondurable goods industries	41,087 6,531	45,050 6,938	49,049 6,907	51,826 6,502	53,438 6,198	56,284 5,613	59,337 5,105	60,248 4,493	60,811 4,152	61,823 3,783	62,378 3,800	63,077 3,785	
Durable goods industries 20,325 20,790 21,223 21,449 21,549 22,770 25,085 28,988 31,057 32,895 33,940 35,222 (4,289 4,602 4,966 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,602 4,966 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,602 4,976 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,602 4,976 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,602 4,976 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,602 4,976 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,602 4,976 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,976 5,643 5,875 5,985 5,896 5,899 5,944 (2,289 4,976 5,645 5,899 5,944 (2,289 4,976 5,645 5,899 5,944 (2,289 4,976 5,645 5,899 5,944 (2,289 4,976 5,645 5,899 5,944 (2,289 4,976 5,989 5,944 (2,289 4,989 5,944 5,989 5,944 (2,289 4,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,989 5,944 5,944 5,949 5,949 5,944 5,949 5,949 5,944 5,949 5,949 5,944 5,949 5,944 5,949 5,949 5,944 5,949 5,949 5,944 5,949 5,944 5,949 5,														
Nondurable goods industries, total. 29,997 28,989 28,010 26,372 24,871 23,604 23,263 23,165 23,370 23,500 23,952 23,877 Durable goods industries. 25,806 25,073 24,104 22,543 21,117 19,918 19,303 18,947 18,994 18,892 19,302 19,504 Nondurable goods industries. 4,151 3,916 3,906 3,829 3,754 3,686 3,870 4,218 4,776 4,608 4,650 4,373 1948 All manufacturing industries, total. 34,233 33,892 33,820 33,267 32,263 32,962 33,546 33,827 33,088 32,377 31,824 30,552 Durable goods industries. 28,451 28,391 28,914 27,825 27,101 27,825 28,605 28,881 28,928 28,008 27,433 26,439 Nondurable goods industries. 5,782 5,601 5,646 5,442 5,162 5,137 4,851 4,646 4,530 4,319 4,371 4,093 1947 All manufacturing industries, total. 37,777 37,702 37,763 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries. 32,050 28,077 31,902 31,902 31,074 30,200 29,894 29,646 29,117 29,052 28,550 28,523 28,379 28,379														
All manufacturing industries, total. 29,957 28,969 28,010 26,372 24,873 23,604 23,263 23,165 23,270 23,500 23,952 23,877 Durable goods industries	Durable goods industries Nondurable goods industries		4,693		4,289	21,549 4,602	22,379 4,956	25,085 5,643	28,988 5,875	31,057 5,985	32,895 5,896			
Durable goods industries 25,806 25,077 24,104 22,543 21,117 19,918 19,393 18,947 18,594 18,892 19,302 19,504 80ndurable goods industries 4,151 3,916 3,906 3,829 3,754 3,686 3,870 4,218 4,776 4,608 4,690 4,373 19,482 19,	1949													
Nondurable goods industries,	All manufacturing industries, total.	29,957	28,989	28,010		24,871	23,604		23,165	23,370	23,500	23,952	23,877	
All manufacturing industries, total. 34,233 33,802 33,820 33,267 32,263 32,962 33,546 33,527 33,088 32,377 31,824 30,552 Durable goods industries. 28,451 28,291 28,174 27,825 27,101 27,825 28,695 28,881 28,228 28,098 27,433 26,439 Nondurable goods industries. 5,782 5,601 5,646 5,442 5,162 5,177 4,851 4,646 4,530 4,319 4,371 4,093 1947 All manufacturing industries, total. 37,777 37,702 37,763 36,993 35,965 35,735 35,416 34,801 34,917 34,480 34,583 34,266 Durable goods industries. 32,050 32,075 31,902 31,074 30,290 29,894 29,646 29,117 29,052 28,550 28,523 28,379	Durable goods industries Nondurable goods industries	25,806 4,151	25,073 3,916	24,104 3,906	22,543 3,829	21,117 3,754		19,393 3,870					19,504 4,373	
Durable goods industries	1948													
Nondurable goods industries										1 1				
All manufacturing industries, total, 37,777 37,702 37,763 36,993 35,965 35,735 35,416 34,917 34,480 34,583 34,266 Durable goods industries, 32,050 32,075 31,902 31,074 30,290 29,894 29,646 29,117 29,052 28,560 28,523 28,379	Nondurable goods industries	28,451 5,782	28,291 5,601		27,825 5,442	27,101 5,162	27,825 5,137	28,695 4,851		28,528 4,530	28,058 4,319	27,453 4,371	26,459 4,093	
Durable goods industries. 32,050 32,075 31,902 31,074 30,290 29,894 29,646 29,117 29,052 28,560 28,523 28,379														
Durable goods industries. 32,050 32,075 31,902 31,074 30,290 29,894 29,646 29,117 29,052 28,560 28,523 28,379 Nondurable goods industries. 5,727 5,627 5,861 5,919 5,675 5,841 5,770 5,684 5,865 3,920 6,060 5,887														
	Durable goods industries Nondurable goods industries	32,050 5,727		31,902 5,861	31,074 5,919	30,290 5,675	29,894 5,841	29,646 5,770	29,117 5,684	29,052 5,865			28,379 5,887	

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963

	(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
					SEA	SONALLY	ADJUSTED						
<u>1963</u>													
All manufacturing industries, total	57,883	58,021	58,126	58,309	58,507	58,706	58,884						
Durable goods industries, total	34,390	34,496	34,593	34,787	34,962	35,156	35,346						
Stone, clay, and glass products	1,501 5,850	1,501 5,848	1,508 5,846	1,495 5,854	1,502 5,857	1,506 5,873	1,491 5,831						
Primary metals, total	3,506	3,499	3,498	3,492	3,489	3,494	3,459						
All other primary metals	2,344	2,349 3,826	2,348 3,841	2,362 3,855	2,368 3,876	2,379 3,879	2,372 3,927					1	
Fabricated metal products, total	385	381	374	381	379	378	386			}			
Machinery, except electrical, total	6,531 452	6,559 450	6,562	6,578	6,602	6,627	6,712 459						
Engines and turbines. Farm machinery and equipment.	619	622	624	620	625	626	626						
Construction, mining, and material handling equipment	1,183	1,174	1,167	1,158	1,152	1,150	1,151			-			
Metalworking machinery	623 484	624 489	622 487	624 487	628 486	626 488	639 490						
Electrical machinery, total	4,929	4,907	4,917	4,966	4,976	4,970	4,968						
Electrical transmission and distribution equipment and industrial apparatus	1,146	1,142	1,149	1,153	1,146	1,152	1,163						
Household appliances, including radio and TV Communication equipment	1,004	992	1,002	1,033	1,052	1,057	1,057						
Transportation equipment, total	6,775	6,849	6,940	7,013	7,102	7,237	7,370						
Motor vehicles and parts	2,396	2,417 3,573	2,463 3,610	2,515 3,646	2,560	2,595 3,790	2,636 3,905						
Instruments and related products	1,373	1,375	1,382	1,388	1,396	1,405	1,416	ĺ					
All other durable goods industries Nondurable goods industries, total	3,585 23,493	3,631	3,597 23,533	3,638	3,651	3,659 23,550	3,631 23,538						
Food and kindred products, total	6,049	6,020	6,029	5,987	5,961	5,952	6,000						
Meat products	574	572	579	576	576	574	585						
Tobacco products	2,419	2,451 2,620	2,437	2,428	2,404	2,389	2,362						
Paper and allied products, total	1,686	1,689	1,697	1,698	1,701	1,711	1,725						
Pulp, paper, etc	3,630	666 3,625	3,630	668 3,621	3,648	671 3,667	674 3,694						
Industrial chemicals, except pigments	1,109	1,105	1,099	1,094	1,105	1,128	1,115		1				
Petroleum and coal products	1,808	1,797 1,150	1,816	1,819 1,145	1,813 1,169	1,834 1,167	1,835						
All other nondurable goods industries	4,150	4,173	1,126 4,171	4,177	4,182	4,169	4,059						
					WITHOUT	SEASON	L ADJUST	MENT					
All manufacturing industries, total	57,970	58,366	58,432	58,565	58,939	58,997	58,568						
Durable goods industries, total	34,292	34,696	34,899	35,107	35,441	35,483	35,187						
Stone, clay, and glass products	1,506	1,539	1,567	1,549	1,544	1,527	1,502			1			
Primary metals, total	5,922	5,880 3,516	5,814 3,449	5,766	5,747	5,781	5,800 3,434						
All Other primary metals	2,349	2,364	2,365	2,379	2,373	2,374	2,366						
Fabricated metal products, total	3,754 352	3,793 375	3,871 390	3,951 412	4,023 424	4,041 432	4,022 434			1			
Machinery, except electrical, total	6,520	6,657 459	6,690 452	6,707 468	6,738 467	6,692	6,669						
Engines and turbines. Farm machinery and equipment	634	653	655	638	636	446 637	622						
Construction, mining, and material handling equipment	1,194	1,200	1,208	1,188	1,170	1,156	1,144						
Metalworking machinery	621 484	628 495	624 494	630 494	643 494	629 494	637 490						
Electrical machinery, total	4,824	4,872	4,946	5,047	5,139	5,150	5,024						
Electrical transmission and distribution equipment and industrial apparatus	1,141	1,155	1,163	1,176	1,175	1,168	1,164						
Household appliances, including radio and TV Communication equipment	968	984	1,005	1,072	1,138	1,133	1,101						
Transportation equipment, total	6,849	6,939	7,002	7,043	7,147	7,162	7,055						
Motor vehicles and parts	2,480	2,490 3,592	2,490 3,647	2,505	2,522 3,761	2,507 3,810	2,361 3,853						
Instrumenta and related products	1,353	1,371	1,381	1,394	1,417	1,430	1,436						
All other durable goods industries	23,678	3,645 23,670	3,628 23,533	3,650 23,458	3,686 23,498	3,700 23,514	3,679 23,381						
Food and kindred products, total	6,178	5,998	5,844	5,748	5,667	5,654	5,712						
Meat products	595	584	601	597	588	573	555						
Tobacco products	2,564	2,561	2,520	2,452	2,366	2,286	2,204						
Paper and allied products, total	1,668	1,693	1,716	1,733	1,738	1,744	1,739						
Pulp, paper, etc	3,660	675 3,691	3,706	678 3,652	673 3,629	671	669						
Industrial chemicals, except pigments	1,117	1,122	1,120	1,112	1,106	3,677 1,120	3,689 1,119						
Petroleum and coal products	1,760	1,745	1,775	1,804	1,799	1,831	1,851						
All other nondurable goods industries	4,088	4,149	4,137	4,169	4,321	4,382	4,289						

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

(Millions of dollars) Industry group Jan. Feb. March April June July Aug. Sept. Oct. Nov. Dec. STASONALLY ADDISTRO All manufacturing industries, total, 55,396 55,695 56,003 56,075 56,435 56,345 56.875 57.035 57,316 57,442 57,608 57,753 33,792 33,943 34,053 34,147 34,166 34,237 34,326 Durable goods industries, total..... 32,903 33,392 1,496 1,517 1,498 1,492 Stone, clay, and glass products..... 1.467 1,463 1,468 1,471 1,463 1,469 5,873 5,880 6,049 6,030 6,017 5,990 3,679 2,311 5,939 3,585 2,354 6,027 3,733 2,294 6,050 5,985 5,980 3,656 3,622 3,540 3,528 2,318 3,855 Fabricated metal products, total......
Metal cans, barrels, and drums...... 3,949 3,926 3,883 3,833 3,861 3,891 3,928 3,976 3,953 3,913 418 397 396 390 399 6,208 6,226 6,325 6,382 6,429 6,486 Machinery, except electrical, total.... 6,131 6,180 6,284 6,463 6,038 552 556 560 560 564 573 580 595 614 624 630 1,124 1,149 1,155 1,173 570 458 582 588 592 609 614 486 484 484 458 463 464 464 General industrial machinery..... 461 469 470 478 Electrical machinery, total...... Electrical transmission and distribu-4,504 4,675 4,744 4,766 4,825 4,850 4,861 4,896 4,900 4.532 tion equipment and industrial 1.102 1.085 1,098 1,108 1.124 1,141 1.149 1,150 1,166 1,007 938 953 973 982 983 1,208 1,258 1,327 1,340 1,343 1.364 1,363 6,447 2,284 3,362 6,519 6,799 2,413 3,550 6,700 6,696 6,739 Transportation equipment, total...... 6,343 2,398 Motor vehicles and parts..... 2,397 2,392 2,410 2,367 2,360 Aircraft and parts..... 1,296 1,332 1,373 3,519 Instruments and related products......
All other durable goods industries..... 1,267 1,284 1,308 1,316 1,345 1,361 1,363 1,365 3,482 Nondurable goods industries, total..... 22,559 22,729 22,932 22,982 23,169 23,276 23,371 23,427 6,080 Food and kindred products, total..... 5,891 5,865 5,833 5,939 5,973 5,982 5,949 6,019 558 6,029 6,059 556 Meat products..... 536 542 550 2,391 Tobacco products......
Textile mill products..... 2,414 2,449 2,442 2,440 2,426 2,417 2,398 2,608 Paper and allied products, total...... 1,658 1,665 1,679 1,688 1,699 1,694 1,691 1,688 Pulp, paper, etc..... 676 682 681 682 678 678 3,479 1,083 3,458 1,062 Chemicals and allied products, total....
Industrial chemicals, except pigments. 3,448 1,058 3,467 3,485 3,525 1,075 1,082 1,790 Petroleum and coal products..... 1,727 1,734 1,725 1,786 1,802 1,789 1,809 1,124 Rubber and plastics products, nec......
All other nondurable goods industries... 1,080 1,109 WITHOUT SEASONAL ADJUSTMENT 57,419 All manufacturing industries, total. 55,498 56,345 56,822 56,568 56,561 57,209 57,292 33,891 33,843 33,896 Durable goods industries, total..... 34,091 33,797 33,844 1,507 1,489 1,458 Stone, clay, and glass products...... 1,484 1,459 1,450 1,469 5,909 3,587 5,953 6,013 5,939 5,990 3,650 5,957 3,628 5,961 5,985 2,340 4,076 3,893 3,986 4,097 461 3,953 3,851 3,685 3,665 Fabricated metal products, total......
Metal cans, barrels, and drums...... 3,789 3,779 444 414 Machinery, except electrical, total..... Farm machinery and equipment
Construction, mining, and material 442 638 417 415 584 562 601 1,154 1,143 1,126 1,114 1,113 1.115 1,162 handling equipment..... 469 465 473 Electrical machinery, total...... Electrical transmission and distribu-4,813 4,796 4,787 tion equipment and industrial 1,134 1,123 1.141 1,138 94 935 966 1,349 6,584 6,844 2,458 3,567 Transportation equipment, total.......
Motor vehicles and parts..... Aircraft and parts..... 1,337 All other durable goods industries..... Condurable goods industries, total..... 23,096 5,671 5,696 6,435 596 6,395 587 Food and kindred products, total...... 527 2,380 Tobseco products......
Textile mill products..... Paper and allied products, total..... 1,699 1,698 1,663 680 Pulp, paper, etc..... 3,464 1,063 Chemicals and allied products, total....
Industrial chemicals, except pigments. 3,524 Petroleum and coal products..... 1,796 1,098 4,135 1,822 1,093 3,919 1,823 Rubber and plastics products, nec......
All other nondurable goods industries...

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

64

			(Mill:	lons of do	llars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						SEASONALI	LY ADJUSTI	ED .				
1961					T		I	l .				
All manufacturing industries, total.	53,701	53,687	53,456	53,440	53,420	53,439	53,560	53,914	53,911	54,303	54,726	55,087
Durable goods industries, total	32,074	31,946	31,593	31,418	31,407	31,414	31,500	31,816	31,821	32,121	32,385	32,646
Stone, clay, and glass products Primary metals, total	1,440	1,451	1,427	1,439 5,648 3,444	1,450 5,627	1,445 5,634	1,460 5,672 3,458	1,484 5,703 3,472	1,497 5,739 3,504	1,483	1,475	1,468
Primery metals, total	5,644 3,386 2,258	5,655 3,411 2,244	5,663 3,441 2,222	3,444	3,426 2,201	3,426	3,458	3,472 2,231	3,504 2,235	5,826 3,569 2,257	5,913 3,636 2,277	5,977 3,691 2,286
	3,748	3,709	3,634	3,589	3,593	3,631	3,641	3,680	3,734	3,753	3,809	3,845
Fabricated metal products, total Metal cans, barrels, and drums	407	402	383	379	384	385	388	396	403	403	410	416
Machinery, except electrical, total Engines and turbines Farm machinery and equipment	5,865 392 547	5,818 389 544	5,777 387 538	5,780 395 540	5,790 402 542	5,797 404 545	5,808 414 550	5,803 405 552	5,839 410 549	5,872 420 542	5,905 413 541	5,959 398 542
Construction, mining, and material handling equipment	1,139	1,118	1,103	1,104	1,100	1,098	1,097	1,095	1,084	1,079	1,088	1,100
Metalworking machinery General industrial machinery	463	459	454	452	453	451	448	451	449	449	450	452
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	4,226	4,229	4,223	4,210	4,223	4,206	4,242	4,268	4,271	4,373	4,448	4,477
apparatus. Household appliances, including radio	1,070	1,066	1,060	1,053	1,054	1,044	1,051	1,056	1,062	1,084	1,119	1,106
and TV Communication equipment	1,039	927 1,049	906 1,067	1,084	1,092	1,091	1,108	877 1,134	1,148	887 1,169	1,189	1,214
Transportation equipment, total Motor vehicles and parts. Aircraft and parts.	6,465 2,141 3,523	6,441 2,084 3,592	6,271 2,017 3,523	6,204 1,979 3,494	6,206 1,999 3,480	6,170 1,983 3,453	6,157 1,981 3,435	6,351 2,181 3,422	6,233 2,090 3,381	6,264 2,119 3,376	6,277 2,126 3,380	6,312 2,169 3,374
Instruments and related products All other durable goods industries	1,220	1,213	1,204	1,205	1,210 3,308	1,208	1,206	1,215	1,219	1,232	1,247	1,252 3,356
All other durable goods industries Nondurable goods industries, total	21,627	21,741	3,394	22,022	22,013	3,323	3,314	3,312 22,098	3,289	3,318	3,311	22,441
Food and kindred products, total Mest products	5,622	5,697 561	5,763	5,833	5,781	5,782	5,787	5,838 563	5,788	5,801	5,840	5,881
Tobacco products	2,187	2,185	2,195	2,202	2,212	2,216	2,212	2,245	2,276	2,300	2,352	2,401
Paper and allied products, total	1,564	1.575	1,578	1,594	1,598	1,606	1,622	1,617	1,623	1,613	1,631	1,633
Pulp, paper, etc	645 3,367	647 3,390	647 3,401	3,421	657 3,441	659 3,439	668 3,468	669 3,439	3,415	3,413	3,405	3,438
Industrial chemicals, except pigments. Petroleum and coal products	1,053 1,732	1,061	1,079	1,079	1,079	1,076	1,078	1,079	1,079	1,081	1,062	1,074
Rubber and plastics products, nec All other nondurable goods industries	1,041 3,815	1,035	1,023 3,790	1,024 3,812	1,026 3,811	1,026 3,813	1,030 3,760	1,028 3,722	1,048 3,793	1,056 3,806	1,066 3,868	1,753 1,059 3,843
					WITH	OUT SEASO	NAL ADJUS	TMENT				
All manufacturing industries, total.	53,787	53,985	53,727	53,708	53,784	53,696	53,325	53,675	53,657	54,082	54,439	54,776
Fur ble goods industries, total	31,964	32,117	31,905	31,751	31,847	31,702	31,409	31,613	31,641	31,896	32,065	32,231
Stone, clay, and glass products	1,443	1,487	1,482	1,498	1,496	1,470	1,475	1,443	1,435	1,417	1,424	1,447
Primary metals, total	5,707 3,454	5,680 3,421	5,624 3,376 2,248	5,562 3,334	5,536 3,316	5,535 3,327	5,630 3,423	5,686 3,465	5,747 3,525	5,881 3,640	6,002 3,738	6,121 3,850
All other primary metals	2,253	2,259		2,228	2,220	2,208	2,207	2,221	2,222	2,241	2,264	2,271
Fabricated metal products, total Metal cans, barrels, and drums	3,643 369	3,674 392	3,673 400	3,681 414	3,737 432	3,793 442	3,735 437	3,714 412	3,698 378	3,680 365.	3,665 357	3,644
Machinery, except electrical, total Engines and turbines Farm machinery and equipment	5,850 392 561	5,898 401 570	5,889 394 564	5,890 401 556	5,904 404 553	7,86 394 555	5,786 405 548	5,743 404 533	5,733 403 519	5,769 420 506	5,804 417 520	5,879 399 546
Construction, mining, and material handling equipment.	1,140	1,143	1,138	1,132	1,120	1,112	1,094	1,075	1,053	1,050	1,061	1,088
Metalworking machinery	462	568 463	569 461	565 458	566 461	554 458	551 449	550 447	546 444	550 444	546 440	553 444
Electrical machinery, total Electrical transmission and distribu- tion equipment and industrial	4,129	4,201	4,253	4,289	4,373	4,360	4,293	4,258	4,223	4,295	4,349	4,372
Apparatus	1,064	1,080	1,074	1,070 937	1,084	1,063	1,054	1,046	1,038	1,066	1,095	1,090
and TVCommunication equipment	1,017	1,034	1,068	1,091	1,113	1,126	1,106	869 1,135	830 1,146	843 1,169	846 1,182	874 1,198
Transporation equipment, total Motor vehicles and parts Aircraft and parts	6,550 2,216 3,539	6,525 2,161 3,600	6,352 2,047 3,575	6,244 1,963 3,549	6,227 1,959 3,522	6,099 1,894 3,473	5,921 1,783 3,390	6,230 2,100 3,385	6,291 2,180 3,354	6,353 2,206 3,372	6,336 2,179 3,376	6,251 2,195 3,308
Instruments and related products All other durable goods industries	1,206	1,211	1,206	1,216	1,230	1,227	1,213	1,221	1,211	1,227	1,239	1,227
	3,436	3,441	3,426	3,371	3,344	3,358	3,356	3,318	3,303	3,274	3,246	3,290
Nondurable goods industries, total Food and kindred products, total Meat products.	21,823 5,750 569	21,868 5,673 583	21,822 5,571 577	21,957 5,623 578	21,937 5,502 569	21,994 5,505 562	21,916 5,531 528	22,062 5,849 522	22,016 5,952 520	22,186 6,122	6,191	22,545 6,159
Tobacco products	2,312	2,281	2,261	2,226	2.183	2,125	2,070	2,128	2,233	2,305	2,359	2,504
Textile mill products	2,298	2,361 1,586	2,395 1,598	2,432 1,629	2,475 1,635	2,469	2,465	2,429 1,612	2,349	2,284	2,304 1,603	2,363
Pulp, paper, etc	647	658	656	662	661	1,632 657	1,628 661	665	1,591	1,587 670	668	1,609 667
Chemicals and allied products, total Industrial chemicals, except pigments.	3,401 1,056	3,446 1,074	3,466 1,098	3,446 1,096	3,420 1,083	3,441 1,071	3,454 1,081	3,418 1,076	3,360 1,064	3,353 1,065	3,362 1,044	3,463 1,070
Petroleum and coal products Rubber and plastics products, nec	1,698	1,698	1,734	1,758 1,041	1,768	1,759 1,024 4,039	1,779 1,016	1,765 1,016	1,761 1,034 3,736	1,816 1,039	1,799 1,048	1,761 1,056
All other nondurable goods industries	3,758	3,764	3,750	3,802	3,925	4,039	3,973	3,845	3,736	3,680	3,708	3,630

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

			(Mil	lions of	dollars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						SEASONALL	Y ADJUSTE	D.				
1960						DIADOIGNII	1 1000011					
All manufacturing industries, total.	53,149		53,911	54.137	54,344	51 100	54,436	54,427	54,589	54,400	54,263	53.814
Durable goods industries, total	32,189	53,569 32,566	32,914	33,028	33,047	54,407 33,072	33,024	32,977	33,034	32,891	32,790	32,360
Stone, clay, and glass products	1.416	1.429	1,465	1,470	1.469	1,474	1,479	1,452	1,455	1,455	1,448	1,458
Primary metals, total	5,317	5,405	5,491	5,585	5,683	5,746	5,743	5,762	5,750	5,724	5,690	5,662
Blast furnaces, steel mills	3,159 2,158	3,206 2,199	3,240	3,326 2,259	3,408	3,474 2,272	3,462 2,281	3,472 2,290	3,464 2,286	3,441 2,283	3,411 2,279	3,389 2,273
Fabricated metal products, total	3,845	3,907	2,251 3,934	3,918	3,937	3,907	3,939	3,965	3,929	3,918	3,900	3,798
Metal cans, barrels, and drums	413	423	429	418	421	424	430	435	416	410	409	397
Machinery, except electrical, total Engines and turbines	6,118	6,181	6,239 488	6,248 484	6,191 477	6,181 474	6,140 466	6,087 463	6,079 452	6,010 435	6,011 436	5,971
Farm machinery and equipment	601	599	609	605	595	581	584	538	547	541	547	548
Construction, mining, and material handling equipment	1,251	1,273	1,276	1,269	1,257	1,255	1,230	1,218	1,211	1,197	1,194	1,162
Metalworking machinery General industrial machinery	546 502	554 505	565 506	583 506	586 500	591 497	591 494	596 488	595 484	588 477	584 475	580 471
Electrical machinery, total	4,081	4,174	4,244	4,299	4,314	4,307	4,275	4,276	4,279	4,243	4,225	4,253
Electrical transmission and distribu-	.,	.,	.,	.,	.,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,	,,	, , , , ,	, , ,	
tion equipment and industrial appara- tus	1,077	1,098	1,108	1,106	1,095	1,100	1,099	1,102	1,100	1,094	1,087	1,070
Household appliances, including radio and TV	911	955	1,000	1,025	1,045	1,035	1,022	996	963	944	928	948
Communication equipment	922	939	950	962	971	972	964	976	998	1,010	1,013	1,025
Transportation equipment, total Motor vehicles and parts	6,885	5,937 2,339	6,985 2,364	6,895 2,334	6,818 2,317	6,782 2,326	6,767 2,358	6,734	6,723 2,317	6,659 2,253	6,626 2,220	6,489 2,172
Aircraft and parts	3,746	3,748	3,745	3,698	3,645	3,602	3,533	3,521	3,509	3,522	3,525	3,485
Instruments and related products All other durable goods industries	1,133	1,148	1,158	1,174	1,177	1,187	1,214 3,467	1,225	1,242 3,577	1,237	1,231 3,659	1,230 3,499
Nondurable goods industries, total	20,960	21,003	20,997	21,109	21,297	21,335	21,412	21,450	21,555	21,509	21,473	21,454
Food and kindred products, total	5,362	5,317	5,267	5,280	5,375	5,332	5,357	5,309	5,477	5,538	5,484	5,513 561
Meat products	561	553	575	572	580	581	586	596	594	577	569	
Tobacco products	2,106	2,104 2,275	2,108 2,284	2,125 2,299	2,132	2,151 2,287	2,171 2,231	2,168	2,189 2,269	2,212	2,201 2,296	2,190 2,300
Paper and allied products, total	1,529	1,534	1,540	1,547	1,568	1,567	1,576	1,574	1,578	1,582	1,584	1,563
Pulp, paper, etc	631	630 3,230	628	627 3,304	626 3,343	625 3,350	630 3,366	636 3,401	3,374	650 3,331	659 3,345	647 3,343
Industrial chemicals, except pigments.	982	991	994	1,010	1,020	1,022	1,030	1,035	1,042	1,016	1,041	1,047
Petroleum and coal products Rubber and plastics products, nec	1,770	1,757	1,728	1,720	1,721	1,719	1,724	1,705	1,703	1,703 1,060	1,705	1,706
All other nondurable goods industries	3,696	3,748	3,765	3,758	3,764	3,827	3,877	3,914	3,891	3,833	3,806	1,045 3,794
				,		OUT SEASO						
All manufacturing industries, total.	53,243	53,848	54,234	54,445	54,729	54,719	54,226	54,151	54,275 32.811	54,148	53,960	53,512 31,953
Durable goods industries, total	32,074	32,724	33,280 1,522	33,416 1,532	33,513 1,520	33,376 1,507	32,931 1,496	32,731 1,404	1,389	32,646 1,387	32,464 1,396	1,438
Stone, clay, and glass products Primary metals, total	5,380	1,464 5,421	5,446	5,494	5,606	5,630	5,684	5,754	5,761	5,783	5,780	5,795
Blast furnaces, steel mills	3,232	3,212	3,165	3,203	3,296	3,349	3,410	3,469	3,499	3,524	3,520 2,260	3,541 2,254
All other primary metals	2,148 3,740	2,209 3,870	2,281 3,985	2,291 4,028	2,310 4,092	2,281 4,086	2,274 4,040	2,285 3,985	2,262 3,879	2,259 3,849	3,761	3,603
Fabricated metal products, total Metal cans, barrels, and drums	374	410	449	462	475	491	485	450	389	371	355	327
Machinery, except electrical, total Engines and turbines	6,099 493	6,265 504	6,365 502	6,356 491	6,301 476	6,250 461	6,123 455	6,035 462	5,971 442	5,901 431	5,905 438	5,890 430
Farm machinery and equipment	617	627	639	622	609	591	581	520	518	507	526	549
Construction, mining, and material handling equipment.	1,248	1,302	1,317	1,298	1,278	1,274	1,228	1,197	1,178	1,166	1,164	1,146
Metalworking machinery General industrial machinery	543 498	555 507	569 514	592 513	599 509	595 505	592 496	597 485	590 479	582 470	574 465	570 462
Electrical machinery, total Electrical transmission and distribu-	3,983	4,142	4,266	4,381	4,467	4,472	4,339	4,272	4,229	4,159	4,132	4,142
Electrical transmission and distribu- tion equipment and industrial appara-												
tus	1,067	1,107	1,120	1,122	1,125	1,127	1,105	1,094	1,076	1,071	1,065	1,050
Household appliances, including radio and TV	876	938	1,007	1,063	1,116	1,098	1,063	993	938	904	886	904
Communication equipment	900	928 7,026	7,095	971 6,949	993 6,816	1,005 6,691	967 6,516	977 6,573	996 6,769	1,009 6,751	1,004 6,682	1,006
Transportation equipment, total Motor vehicles and parts	6,977 2,375	2,433	2,414	2,320	2,261	2,207	2,134	2,210	2,398	2,359	2,287	2,207
Aircraft and parts	3,761	3,740	3,801	3,759	3,681	3,629	3,499	3,478	3,484	3,508	3,504	3,430
Instruments and related products All other durable goods industries	1,120 3,357	1,144 3,3 2	1,164	1,191 3,485	1,201 3,510	1,208 3,532	1,222 3,511	1,229 3,479	1,232 3,581	1,227 3,58°	1,219 3,580	1,206 3,430
Nondurable goods industries, total	21,169	21,124	20,954	21,029	21,216	21,343	21,295	21,420	21,464	21,502	21,496	21,559
Food and kindred products, total	5,489	5,292 582	5,083 606	5,079 601	5,094 598	5,068	5,129 555	5,335 547	5,640 549	5,849 557	5,815 584	5,758 568
Meat products	2,220	2.197	2,167	2,150	2,111	2,067	2,039	2,057	2,143	2,216	2,205	2,280
Textile mill products	. 2,254	2,312	2,336	2,368	2,394	2,370	2,278	2,243	2,197	2,121	2,195	2,240
Paper and allied products, total Pulp, paper, etc	1,522	1,549 642	1,565 639	1,580 636	1,604 631	1,591 624	1,577 623	1,563 630	1,544 632	1,553 644	1,553 652	1,545
Chemicals and allied products, total	3,254	3,288	3,317	3,322	3,321	3,350	3,344	3,374	3,318	3,280	3,316	3,373
Industrial chemicals, except pigments.	984	1,001	1,009	1,025	1,026	1,020	1,034	1,033	1,027	1,000	1,024	1,044
Petroleum and coal products Rubber and plastics products, nec	1,049	1,065	1,085	1,095	1,097	1,093	1,089	1,093	1,058	1,040	1,038	1,046
All other nondurable goods industries	3,642	3,710	3,718	3,745	3,880	4,084	4,101	4,033	3,826	3,689	3,637	3,609

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

(Millions or dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALI	y adjust	ED				
1959									[
All manufacturing industries, total	50,126	50,342	50,677	51,107	51,540	51,967	52,238	51,942	51,781	51,520	51,788	52,707
Durable goods industries, total	30,191	30,334	30,630	30,954	31,274	31,615	31,812	31,504	31,233	30,826	31,044	31,839
Stone, clay, and glass products	1,246	1,247	1,248	1,264	1,280	1,291	1,296	1,282	1,289	1,328	1,364	1,379
Primary metals, total Blast furnaces, steel milis	5,352 3,315 2,037	5,390 3,352 2,038	5,438 3,366 2,072	5,386 3,299 2,087	5,330 3,215 2,115	5,164 3,021 2,143	5,092 2,944 2,148	4,986 2,863 2,123	4,963 2,825 2,138	4,933 2,809 2,124	5,060 2,926 2,134	5,258 3,099 2,159
Fabricated metal products	3,730	3,779	3,874	3,966	4,081	4,196	4,236	4,076	3,815	3,558	3,610	3,794
Machinery, except electrical, total	5,468 530	5,473 529	5,502 530	5,574 540	5,632 551	5,733 574	5,835 588	5,878 594	5,905 606	5,962 611	5,961 600	6,026 603
Electrical machinery, total Electrical transmission and distribution	3,500	3,533	3,558	3,616	3,687	3,786	3,833	3,862	3,869	3,931	3,931	4,016
equipment and industrial apparatus Household appliances, including radio and TV	954 810	960 814	972 807	996 807	1,018 812	1,045 835	1,050 842	1,047 862	1,044 870	1,041 893	1,024 899	1,067 900
Transportation equipment, total	6,665 1,843 4,099	6,681 1,892 4,043	6,757 1,967 4,037	6,863 2,064 4,013	6,935 2,146 3,988	7,083 2,295 3,989	7,105 2,332 3,984	6,939 2,217 3,928	6,908 2,234 3,898	6,622 2,007 3,844	6,643 2,102 3,788	6,870 2,277 3,791
Instruments and related products	1,005 3,225	1,014 3,217	1,018 3,235	1,025 3,260	1,034 3,295	1,038 3,324	1,042 3,373	1,053 3,428	1,063 3,421	1,075	1,099 3,376	1,116 3,380
Nondurable goods industries, total	19,935	20,008	20,047	20,153	20,266	20,352	20,426	20,438	20,548	20,694	20,744	20,868
Food and kindred products. Tobacco products. Textile mill products. Paper and allied products. Chemicals and allied products. Petroleum and coal products. Rubber and plastics products, nec. All other nondurable goods industries.	5,352 1,980 2,162 1,453 2,944 1,676 920 3,448	5,386 1,998 2,156 1,453 2,949 1,685 936 3,445	5,421 1,997 2,151 1,457 2,941 1,689 941 3,450	5,470 2,000 2,150 1,461 2,943 1,703 931 3,495	5,498 2,009 2,152 1,465 2,969 1,719 922 3,532	5,492 2,004 2,175 1,479 2,997 1,725 930 3,550	5,468 2,029 2,187 1,465 3,044 1,719 958 3,556	5,419 2,046 2,179 1,475 3,066 1,739 974 3,540	5,411 2,064 2,192 1,481 3,114 1,725 984 3,577	5,347 2,074 2,221 1,484 3,185 1,736 992 3,655	5,372 2,074 2,214 1,504 3,190 1,727 1,003 3,660	5,355 2,090 2,227 1,522 3,197 1,747 1,022 3,708
					WITHOU	T SEASON	IAI, ADJUS	TMENT				,
All manufacturing industries, total	50,242	50,558	50,941	51,325	51,811	52,260	52,033	51,638	51,419	51,244	51,521	52,497
Durable goods industries, total	30,101	30,439	30,931	31,287	31,680	31,942	31,743	31,238	30,956	30,569	30,730	31,495
Stone, clay, and glass products	1,249	1,281	1,298	1,319	1,325	1,326	1,310	1,236	1,227	1,263	1,313	1,360
Primary metals, total Blast furnaces, steel mills. All other primary metals	5,434 3,408 2,026	5,413 3,369 2,044	5,382 3,285 2,097	5,263 3,147 2,116	5,247 3,090 2,157	5,033 2,870 2,163	5,020 2,876 2,144	4,987 2,863 2,124	*4,979 2,870 2,109	4,991 2,896 2,095	5,155 3,046 2,109	5,389 3,254 2,135
Fabricated metal products	3,631	3,743	3,932	4,090	4,240	4,413	4,348	4,078	3,745	3,486	3,489	3,609
Machinery, except electrical, total	5,452 544	5,538 552	5,599 554	5,651 554	5,720 564	5,797 583	5,831 584	5,832 575	5,802 576	5,858 577	5,861 577	5,947 601
Electrical machinery, total Electrical transmission and distribution	3,416	3,498	3,563	3,669	3,806	3,930	3,894	3,866	3,835	3,857	3,848	3,903
equipment and industrial apparatus Household appliances, including radio and TV	942 7 82	961 799	979 808	1,007 828	1,045 854	1,076 880	1,060 870	1,040 866	1,026 857	1,016 867	1,006 865	1,047 855
Transportation equipment, total	6,743 1,913 4,107	6,733 1,970 4,011	6,851 2,016 4,076	6,934 2,064 4,075	6,930 2,092 4,025	7,004 2,173 4,026	6,875 2,120 3,959	6,749 2,073 3,891	6,911 2,263 3,886	6,700 2,117 3,819	6,685 2,182 3,747	6,872 2,332 3,752
Instruments and related products	992 3,184	1,009 3,224	1,026 3,280	1,044	1,057 3,355	1,061 3,378	1,049 3,416	1,057	1,050 3,407	1,062 3,352	1,083 3,296	1,094 3,321
Nondurable goods industries, total	20,141	20,119	20,010	20,038	20,131	20,318	20,290	20,400	20,463	20,675	20,791	21,002
Food and kindred products. Tobacco products. Textile mill products. Paper and sliled products. Chemicals and allied products. The products and allied products. The products and allied products. All other nondurable goods industries.	5,470 2,081 2,166 1,448 2,996 1,643 940 3,397	5,361 2,088 2,190 1,470 3,013 1,632 965 3,400	5,240 2,057 2,194 1,489 3,006 1,640 977 3,407	5,252 2,028 2,203 1,492 2,958 1,666 949 3,490	5,185 1,995 2,230 1,496 2,940 1,710 923 3,652	5,201 1,932 2,245 1,500 2,986 1,731 919 3,804	5,251 1,915 2,235 1,460 3,011 1,732 932 3,754	5,469 1,948 2,155 1,461 3,024 1,761 951 3,631	5,582 2,019 2,123 1,446 3,051 1,762 965 3,515	5,643 2,072 2,111 1,450 3,134 1,788 973 3,504	5,698 2,074 2,119 1,473 3,176 1,766 995 3,490	5,585 2,165 2,173 1,515 3,236 1,744 1,028 3,556

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued (Millions of dollars)

		(I-ITTTO)	8 01. 001	rare)								
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTE	D				
1958												
All manufacturing industries, total	51,554	51,226	50,842	50,447	49,878	49,590	49,388	49,262	49,404	49,548	49,722	50,070
Durable goods industries, total	31,440	31,154	30,786	30,476	30,015	29,818	29,728	29,602	29,726	29,744	29,832	30,095
Stone, clay, and glass products	1,266	1,268	1,260	1,247	1,239	1,241	1,249	1,278	1,262	1,253	1,258	1,248
Primary metals, total	5,193 3,180 2,013	5,188 3,179 2,009	5,243 3,236 2,007	5,297 3,278 2,019	5,190 3,169 2,021	5,123 3,113 2,010	5,129 3,114 2,015	5,132 3,112 2,020	5,103 3,109 1,994	5,104 3,118 1,986	5,185 3,176 2,009	5,281 3,257 2,024
Fabricated metal products	3,904	3,838	3,699	3,696	3,593	3,597	3,575	3,503	3,610	3,714	3,684	3,703
Machinery, except electrical, total	5,961 540	5,904 543	5,820 543	5,720 534	5,649 532	5,571 519	5,512 512	5,501 516	5,445 516	5,454 518	5,442 520	5,458 517
Electrical machinery, total Electrical transmission and distribution	3,770	3,740	3,684	3,629	3,550	3,506	3,524	3,502	3,476	3,463	3,468	3,476
equipment and industrial apparatus Household appliances, including radio and TV	1,061 889	1,043 884	1,025 867	1,005 854	979 835	960 826	948 839	940 836	925 837	928 829	924 831	935 825
Transportation equipment, total	7,014 1,997 4,206	6,870 1,942 4,133	6,729 1,904 4,043	6,561 1,832 3,975	6,493 1,770 3,971	6,488 1,759 3,982	6,480 1,750 3,989	6,467 1,778 3,967	6,666 1,975 3,971	6,562 1,820 4,008	6,580 1,824 4,035	6,687 1,853 4,097
Instruments and related products	1,019 3,313	1,004 3,342	1,019 3,332	1,013 3,313	1,009 3,292	1,005 3,287	1,009 3,250	1,008 3,211	1,000 3,164	1,006 3,188	1,012 3,203	1,005 3,237
Nondurable goods industries, total	20,114	20,072	20,056	19,971	19,863	19,772	19,660	19,660	19,678	19,804	19,890	19,975
Food and kindred products. Tobacco products. Textile mill products. Paper and allied products. Chemicals and allied products. Petroleum and coal products. Rubber and plastics products, nee All other nodurable goods industries.	5,061 2,010 2,210 1,443 3,026 1,872 945 3,547	5,085 2,003 2,211 1,445 3,031 1,833 940 3,524	5,110 1,993 2,215 1,445 3,034 1,814 940 3,505	5,124 1,989 2,214 1,450 3,008 1,784 932 3,470	5,125 1,989 2,203 1,425 2,983 1,736 927 3,475	5,148 1,983 2,189 1,414 2,969 1,718 915 3,436	5,174 1,973 2,178 1,411 2,942 1,690 898 3,394	5,182 1,976 2,175 1,410 2,936 1,689 905 3,387	5,205 1,967 2,171 1,415 2,939 1,686 920 3,375	5,275 1,971 2,176 1,423 2,953 1,682 919 3,405	5,291 1,980 2,165 1,429 2,953 1,699 925 3,448	5,329 2,010 2,178 1,444 2,952 1,675 918 3,469
					WITHOU	JT SEASON	AL ADJUS	TMENT				
All manufecturing industries, total	51,699	51,438	51,105	50,612	50,122	49,860	49,242	48,921	49,011	49,293	49,554	50,013
Durable goods industries, total	31,382	31,256	31,063	30,762	30,380	30,087	29,677	29,289	29,423	29,520	29,612	29,893
Stone, clay, and glass products	1,270	1,307	1,312	1,302	1,283	1,275	1,263	1,233	1,199	1,188	1,208	1,232
Primary metals, total	5,293 3,285 2,008	5,218 3,201 2,017	5,174 3,152 2,022	5,132 3,091 2,041	5,085 3,026 2,059	4,949 2,917 2,032	5,039 3,021 2,018	5,125 3,103 2,022	5,139 3,174 1,965	5,196 3,240 1,956	5,325 3,344 1,981	5,450 3,446 2,004
Fabricated metal products	3,808	3,807	3,764	3,818	3,725	3,790	3,671	3,483	3,522	3,615	3,557	3,530
Machinery, except electrical, total	5,948 555	5,964 566	5,911 567	5,786 547	5,732 545	5,627 525	5,503 506	5,448 498	5,356 490	5,372 492	5,382 504	5,396 516
Electrical machinery, total	3,678	3,689	3,674	3,673	3,662	3,631	3,578	3,506	3,464	3,409	3,403	3,382
Electrical transmission and distribution equipment and industrial apparatus	1,043 861	1,036 867	1,026 864	1,014 870	1,005 868	989 863	957 859	935 841	916 833	908 814	911 806	919 790
Transportation equipment, total	7,108 2,093 4,198	6,925 2,037 4,085	6,815 1,967 4,056	6,638 1,843 4,031	6,496 1,724 4,013	6,432 1,664 4,015	6,315 1,596 3,974	6,272 1,623 3,940	6,625 1,939 3,983	6,637 1,931 3,982	6,624 1,917 3,988	6,729 1,922 4,075
Instruments and related products	1,007	995 3,351	1,029 3,384	1,033 3,380	1,036 3,361	1,033 3,350	1,018 3,290	1,011 3,211	988 3,130	992 3,111	990 3,123	983 3,191
Nondurable goods industries, total	20,317	20,182	20,042	19,850	19,742	19,773	19,565	19,632	19,588	19,773	19,942	20,120
Food and kindred products. Tobseco products. Textile mill products. Paper and slided products. Chemicals and silied products. Petroleum and coal products. Rubber and plastice products, nec. All other nondurable goods industries.	5,173 2,106 2,219 1,439 3,089 1,830 969 3,492	5,059 2,091 2,246 1,464 3,108 1,772 971 3,471	4,949 2,053 2,253 1,479 3,109 1,755 980 3,464	4,904 2,019 2,257 1,478 3,029 1,738 954 3,471	4,829 1,979 2,276 1,450 2,956 1,721 935 3,596	4,898 1,922 2,249 1,430 2,958 1,724 908 3,684	5,012 1,876 2,219 1,406 2,901 1,704 865 3,582	5,242 1,891 2,154 1,397 2,881 1,717 872 3,478	5,355 1,918 2,107 1,383 2,867 1,732 896 3,330	5,554 1,959 2,080 1,387 2,905 1,736 898 3,254	5,608 1,976 2,078 1,398 2,945 1,743 919 3,275	5,546 2,064 2,136 1,438 2,999 1,675 928 3,334

All other nondurable goods industries.....

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

(Millions of dollars) Industry group March April May Time July Aug. Sept. Oct. Nov. Dec. SEASONALLY ADJUSTED 1957 51,678 51,981 52,379 52,200 52.016 All manufacturing industries, total..... 50.947 51,303 51 972 52,052 52 272 52.342 51 .871 31,671 31,858 31,959 32,053 32,033 31,824 31,728 Durable goods industries, total..... 30,679 30.981 31.251 31.570 31.615 1.088 1.165 1.190 1.193 1.180 1.241 1.257 1,255 1.279 Stone, clay, and glass products..... 1,069 1.141 4,853 4,961 4.987 5,052 5.105 5,164 5.242 5,270 5,274 5,148 5,171 2,808 2,928 2,998 3,064 3,148 3,196 3,189 3,169 2,839 2,867 3,207 2,083 3,749 3,800 3,797 3,784 3.766 3,842 3,873 3.865 3.875 3.903 3,926 Fabricated metal products..... 3,703 5.832 5,889 5,958 5,973 6,026 6,030 6,050 6,060 6,024 5 700 5 786 Machinery, except electrical, total..... Farm machinery and equipment..... 3,756 3,734 3,815 3.797 3.799 3 797 3 221 3 777 3.738 3.770 3.756 3.816 1,114 1.094 1,080 1.076 1.073 1.074 1.088 1,088 1,088 1,078 1,001 994 0/0 943 9/3 926 6,934 7,384 7,142 7,405 7,309 7,336 7,393 7.351 7.324 7.283 7.181 2,076 2,166 2,108 2,094 2,136 2,080 2,041 4,417 4,406 1,021 960 965 1,012 1,019 1,022 1,020 3,624 3,579 3,443 3,409 3,369 3.681 3.66% 20,427 20,402 20.381 20,383 20.326 20,167 20,192 20,143 Nondurable goods industries, total..... 20,268 20,366 20.414 5,295 Food and kindred products..... 5.151 2,210 2,223 1,439 2,973 1,778 2,137 2,205 1,427 2,958 2,103 2,186 1,428 2,941 2,230 2,218 2,246 1,442 2,200 2,161 2,223 1,430 2,021 Tobacco products..... 2,211 2,306 2,221 2,228 1.384 1,414 1,447 1,435 1,445 3,013 1,879 2,880 2,985 2,965 2,960 Chemicals and allied products..... 1,856 1,862 1.879 Petroleum and coal products..... 1,680 1,802 1.817 ROR 891 892 898 922 922 936 913 3,538 WITHOUT SEASONAL ADJUSTMENT 51.152 51,533 51,913 52,096 52,197 52,330 52,116 51,958 51,949 51,983 51,911 51.878 All manufacturing industries, total..... Durable goods industries, total..... 31 106 31 508 31.854 31,980 31 936 31.737 31,555 31,697 31.868 31.685 31,605 1.077 1,204 1.139 1.180 1.187 1.202 1.262 Stone, clay, and glass products..... 1.127 1,159 1,206 1.220 5,409 Primary metals, total.
Blast furnaces, steel mills. 4,975 4,810 4,923 5,315 5,337 5,367 2,776 2,954 3,367 3,375 All other primary metals..... 2.150 2,128 2,101 2,091 2,042 Fabricated metal products..... 3.724 3.873 3,923 3.975 3,940 3.846 3,761 3,760 3,786 3,766 Machinery, except electrical, total.

Farm machinery and equipment. 5,953 5,837 5,949 552 6,038 6,025 6,007 6,027 5,968 Electrical machinery, total.

Electrical transmission and distribution
equipment and industrial apparatus. 3,705 3.750 3,888 3.891 3.784 3,759 3,823 3,779 3,735 3,704 1,086 1,107 1,083 1,069 1,071 1.078 1,062 1.093 1.089 1.085 1.108 usehold appliances, including radio and TV..... 860 7,259 7,040 2,194 4,103 7,263 7.342 7,126 7,181 Aircraft and parts..... 4.464 4,448 4,386 4,459 4,387 931 951 1.006 1.028 1.046 1.031 1.008 1,011 3,277 3,281 3,662 3,603 Nondurable goods industries, total..... 20,427 20,242 20.394 20,252 20.115 20,226 20,273 20,481 20,379 20,403 Food and kindred products..... 4,995 4.880 4,936 5,305 2,057 2,173 1,439 3,070 1,883 Tobacco products..... 2,287 2,105 2,081 2,081 2,148 1,398 2,082 Tobacco products.

Paper and allied products.

Chemicals and allied products. 2,263 2,102 1,381 1.467 1,421 2,892 1,853 1,466 2,978 2,945 1,725 923 2,960 2,872 2,887 Petroleum and coal products.
Rubber and plastics products, nec. 1,624 1,928 1,647 1.822

3,625 3,675 911

3,389

917

3,882 3,780

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued (Millions of dollars)

Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE.	ASONALLY	ADJUSTE	D				
1956								I				
All manufacturing industries, total	45,538	46,122	46,492	47,156	47,753	48,330	48,574	48,896	49,545	49,774	50,313	50,642
Durable goods industries, total	26,772	27,229	27,602	28,095	28,573	28,895	28,947	29,094	29,493	29,828	30,237	30,447
Stone, clay, and glass products	954	974	993	1,020	990	1,023	1,039	1,037	1,023	1,017	1,043	1,057
Primary metals, total	4,046 2,367 1,679	4,089 2,378 1,711	4,103 2,363 1,740	4,164 2,397 1,767	4,269 2,458 1,811	4,326 2,470 1,856	4,298 2,409 1,889	4,419 2,508 1,911	4,545 2,595 1,950	4,652 2,671 1,981	4,748 2,731 2,017	4,847 2,768 2,079
Fabricated metal products	3,192	3,285	3,376	3,409	3,492	3,465	3,418	3,434	3,482	3,539	3,612	3,655
Machinery, except electrical, total Farm machinery and equipment.	4,665 535	4,766 542	4,902 548	5,006 552	5,096 553	5,218 557	5,260 552	5,304 544	5,389 539	5,476 526	5,552 534	5,617 534
Electrical machinery, total	3,439	3,511	3,573	3,669	3,723	3,782	3,765	3,772	3,767	3,823	3,821	3,815
equipment and industrial apparatus Household appliances, including radio and TV	935 1,027	955 1,041	971 1,057	1,011	1,038 1,075	1,060	1,087 1,066	1,112	1,132 1,045	1,156 1,054	1,144 1,063	1,133 1,072
Transportation equipment, total	6,122 2,160 3,397	6,219 2,166 3,488	6,283 2,141 3,554	6,382 2,126 3,658	6,494 2,132 3,750	6,474 2,078 3,780	6,543 2,035 3,891	6,512 1,993 3,908	6,662 2,009 4,006	6,701 2,041 4,002	6,819 2,079 4,067	6,840 2,066 4,073
Instruments and related products	825 3,529	839 3,546	851 3,521	855 3,590	881 3,628	888 3,719	906 3,718	900 3,716	915 3,710	914 3,706	926 3,716	925 3,691
Wondurable goods industries, total	18,766	18,893	18,890	19,061	19,180	19,435	19,627	19,802	20,052	19,946	20,076	20,195
Food and Kindred products. Tobacco products. Textile mill products. Paper and allied products. Chemicals and allied products. Petroleum and coal products. Rubber and plastics products, necessarial and allied products. All other nonfuratule goods industries.	4,916 2,169 2,160 1,214 2,616 1,494 861 3,336	4,915 2,169 2,168 1,216 2,668 1,524 881 3,352	4,898 2,188 2,135 1,225 2,678 1,522 888 3,356	4,932 2,179 2,177 1,242 2,708 1,542 900 3,381	4,961 2,170 2,182 1,257 2,738 1,549 905 3,418	5,109 2,167 2,203 1,293 2,756 1,569 893 3,445	5,158 2,160 2,218 1,327 2,798 1,605 900 3,461	5,213 2,180 2,246 1,356 2,801 1,619 908 3,479	5,396 2,174 2,276 1,373 2,830 1,637 904 3,462	5,227 2,166 2,288 1,368 2,850 1,643 901 3,503	5,305 2,180 2,292 1,381 2,857 1,638 892 3,531	5,311 2,187 2,310 1,388 2,863 1,666 898 3,572
					WITHOU	T SEASON	AL ADJUS	TMENT				
All manufacturing industries, total	45,796	46,366	46,676	47,220	47,924	48,617	48,448	48,507	49,080	49,592	50,244	50,728
Durable goods industries, total	26,827	27,367	27,836	28,323	28,905	29,157	28,804	28,672	29,105	29,691	30,139	30,410
Stone, clay, and glass products	967	1,012	1,039	1,068	1,025	1,045	1,049	1,003	972	956	994	1,041
Primary metals, total	4,164 2,473 1,691	4,134 2,407 1,727	4,035 2,285 1,750	4,002 2,232 1,770	4,142 2,320 1,822	4,143 2,277 1,866	4,210 2,320 1,890	4,385 2,485 1,900	4,571 2,650 1,921	4,774 2,815 1,959	4,933 2,936 1,997	5,053 2,970 2,083
Fabricated metal products	3,111	3,263	3,435	3,505	3,627	3,668	3,495	3,405	3,387	3,429	3,503	3,513
Machinery, except electrical, total	4,672 554	4,806 564	4,959 567	5,058 564	5,158 561	5,256 558	5,226 542	5,231 521	5,305 510	5,422 500	5,545 527	5,577 544
Electrical machinery, total	3,344	3,437	3,549	3,702	3,837	3,913	3,807	3,779	3,784	3,798	3,771	3,729
equipment and industrial apparatus	917 994	945 1,016	969 1,048	1,020 1,081	1,066 1,107	1,089 1,126	1,094 1,081	1,107 1,061	1,137 1,046	1,141 1,052	1,135 1,046	1,118
Transportation equipment, total	6,249 2,279 3,391	6,314 2,289 3,448	6,389 2,237 3,553	6,464 2,158 3,697	6,495 2,106 3,780	6,423 2,009 3,803	6,348 1,872 3,870	6,267 1,776 3,897	6,531 1,874 4,027	6,811 2,137 4,023	6,879 2,181 4,025	6,941 2,173 4,058
Instruments and related products	819 3,501	834 3,567	854 3,576	867 3,657	908 3,713	919 3,790	915 3,754	900 3,702	906 3,649	897 3,604	897 3,617	907 3,649
Nondurable goods industries, total	18,969	18,999	18,840	18,897	19,019	19,460	19,644	19,835	19,975	19,901	20,105	20,318
Food and kindred products. Tobacco products. Townile mill products. Paper and allied products. Chemicals and allied products. Petroleum and coal products. Rubber and plastics products. All other mondurable goods industries.	5,049 2,260 2,160 1,211 2,673 1,464 876 3,276	4,897 2,247 2,193 1,229 2,748 1,478 906 3,301	4,749 2,247 2,148 1,246 2,740 1,470 923 3,317	4,682 2,207 2,205 1,258 2,728 1,499 925 3,393	4,663 2,157 2,251 1,266 2,708 1,532 929 3,513	4,877 2,117 2,254 1,306 2,744 1,566 910 3,686	5,055 2,080 2,260 1,334 2,758 1,628 869 3,660	5,307 2,108 2,233 1,349 2,738 1,653 857 3,590	5,548 2,115 2,225 1,348 2,732 1,692 868 3,447	5,484 2,144 2,211 1,342 2,799 1,707 872 3,342	5,609 2,171 2,210 1,356 2,851 1,677 882 3,349	5,529 2,218 2,277 1,379 2,927 1,671 912 3,405

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

Oct. Dec. July Sent. Nov. Industry group SEASONALLY ADJUSTED 1955 41.740 41,755 41.931 42,030 42,251 42.571 42.819 43.461 43.805 44.313 44.584 45.069 All manufacturing industries, total..... 23.873 23,991 94 139 24.445 24,636 25.106 25.425 25.800 26,008 26,405 Durable goods industries, total..... 23.766 23.792 860 867 862 861 860 868 880 889 900 930 921 Stone, clay, and glass products..... 855 3,686 3,680 3,710 4,011 3.660 2,246 2,261 1,461 1,417 1,446 1.581 1,660 2.798 2.876 2.943 3.071 3,160 3.125 3,156 3,141 Fabricated metal products..... 2,673 2.653 2,661 2,729 4,335 4,412 4,632 4,024 4,068 4,135 4,245 4,507 Machinery, except electrical, total..... 3,987 514 510 Farm machinery and equipment..... 3,038 3,092 3,123 3,208 3,261 3,293 Electrical machinery, total ... 2.983 Electrical transmission and distribution 851 806 823 828 9.58 981 1,007 5,694 5.718 5,881 5.841 5,979 Transportation equipment, total..... 5,363 5.381 2,121 Motor vehicles and parts..... 1.649 1.818 Aircraft and parts..... 817 Nondurable goods industries, total..... 17,963 18,058 18.039 18 119 18 126 18 183 18,355 18,380 18,513 18.576 18.664 4.860 4.868 4.896 4.896 4.883 Food and kindred products..... 2,156 bacco products..... 2,179 Textile mill products..... 2,103 2,218 1,145 2,517 2,139 1,104 2,470 1,468 1,118 2,496 1,468 767 2,560 2,579 2,602 Petroleum and coal products..... 1,462 1,465 1,466 1,466 805 826 841 781 3,196 3,180 WITHOUT SEASONAL ADJUSTMENT All manufacturing industries, total..... 42.036 41 958 41 966 43.165 43.366 44.166 44.523 45,225 23,890 25,919 26,439 Durable goods industries, total..... 23.845 24.042 24.118 24.363 24.644 25,064 25.668 Stone, clay, and glass products..... 846 846 864 905 896 901 893 877 873 852 4,037 4,196 3,589 3,869 2,472 2,180 2,085 2,193 Fabricated metal products..... 3,028 2.698 2.788 2.913 3 079 3.058 2.610 Machinery, except electrical, total..... 4,042 4,063 4,084 4,098 4,375 Farm machinery and equipment..... 3,298 Electrical machinery, total..... Electrical transmission and distribution 2,900 2.936 2.988 3.195 3.227 904 ggo 813 822 840 848 865 856 220 982 858 862 881 947 941 949 960 6,093 Transportation equipment, total..... 5,561 5,875 1,789 2,088 3,193 806 Instruments and related products..... 780 All other durable goods industries..... 3,585 3,434 3 591 Nondurable goods industries, total..... 18,191 18.068 17,977 17.848 18,126 18,202 18,388 18,302 18,498 18,604 18,786 Food and kindred products..... 4,958 4,798 4,702 4,549 2,142 2,195 1,119 4,581 5 168 5,092 2,181 2,154 1,118 2,467 1,426 co products..... 2,087 2,144 Textile mill products..... 2,114 1,123 2,556 1,426 728 1,144 2,444 1,504 758 1,168 2,460 2,464 2,468 1,458 790 Petroleum and coal products..... 1,480 813 853 748 7775 3.156 3.092 3,083 3,160 3,265 3,365

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued
(Millions of dollars)

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTE	D				
1954												
All manufacturing industries, total	43,528	43,287	42,954	42,575	42,224	42,064	41,862	41,483	41,394	41,452	41,603	41,612
Durable goods industries, total	25,541	25,323	25,025	24,643	24,364	24,112	23,865	23,629	23,509	23,520	23,611	23,710
Stone, clay, and glass products	871	866	858	862	861	849	847	841	842	840	842	847
Primary metals, total	3,681 2,222 1,459	3,657 2,189 1,468	3,633 2,179 1,454	3,566 2,125 1,441	3,519 2,081 1,438	3,486 2,058 1,428	3,501 2,077 1,424	3,471 2,066 1,405	3,432 2,042 1,390	3,436 2,051 1,385	3,441 2,067 1,374	3,544 2,179 1,365
Fabricated metal products	2,919	2,910	2,859	2,785	2,779	2,758	2,691	2,626	2,656	2,631	2,637	2,676
Machinery, except electrical, total	4,407 518	4,394 509	4,355 504	4,307 502	4,270 495	4,222 489	4,217 490	4,162 495	4,140 493	4,104 492	4,077 491	4,046 492
Electrical machinery, total	3,389	3,377	3,323	3,246	3,172	3,135	3,081	3,075	3,002	3,017	3,057	2,992
Electrical transmission and distribution equipment and industrial apparatus	879 1,066	873 1,057	868 1,033	856 1,000	844 972	830 960	802 951	783 957	746 946	758 938	7 775 933	788 897
Transportation equipment, total	5,813 1,859 3,404	5,693 1,815 3,355	5,624 1,756 3,378	5,530 1,719 3,332	5,428 1,671 3,297	5,371 1,632 3,280	5,275 1,598 3,229	5,220 1,529 3,247	5,223 1,500 3,285	5,292 1,568 3,277	5,364 1,582 3,330	5,391 1,538 3,396
Instruments and related products	817 3,644	819 3,607	808 3,565	802 3,545	792 3,543	782 3,509	772 3,481	765 3,469	760 3,454	747 3,453	749 3,444	757 3,457
Nondurable goods industries, total	17,987	17,964	17,929	17,932	17,860	17,952	17,997	17,854	17,885	17,932	17,992	17,902
Food and kindred products. Tobacco products. Textile mill products. Chemicals and allied products. Petroleum and coal products. Rubber and plastics products, nec All other nondurable goods industries.	4,762 2,088 2,195 1,097 2,477 1,473 743 3,152	4,782 2,090 2,185 1,102 2,449 1,449 740 3,167	4,817 2,086 2,173 1,111 2,436 1,453 735 3,118	4,735 2,095 2,147 1,110 2,428 1,467 724 3,226	4,781 2,105 2,141 1,113 2,410 1,478 716 3,116	4,808 2,120 2,148 1,113 2,420 1,480 715 3,148	4,796 2,154 2,139 1,101 2,417 1,469 703 3,218	4,722 2,147 2,128 1,094 2,378 1,458 690 3,237	4,692 2,165 2,143 1,097 2,391 1,453 708 3,236	4,706 2,171 2,118 1,106 2,423 1,449 731 3,228	4,729 2,178 2,129 1,107 2,440 1,450 721 3,238	4,776 2,163 2,112 1,105 2,448 1,437 722 3,139
						T SEASON	<u> </u>	1		L		L
All manufacturing industries, total	43,840	43,497	43,049	42,536	42,247	42,261	41,797	41,288	41,016	41,249	41,541	41,831
Durable goods industries, total	25,626	25,413	25,197	24,770	24,592	24,294	23,763	23,409	23,216	23,347	23,510	23,785
Stone, clay, and glass products	890	902	893	898	891	865	850	816	803	790	797	831
Primary metals, total. Blast furnaces, steel mills. All other primary metals.	3,790 2,318 1,472	3,679 2,200 1,479	3,561 2,098 1,463	3,430 1,983 1,447	3,397 1,954 1,443	3,329 1,908 1,421	3,440 2,015 1,425	3,460 2,062 1,398	3,465 2,091 1,374	3,527 2,156 1,371	3,584 2,220 1,364	3,706 2,332 1,374
Fabricated metal products	2,853	2,887	2,889	2,833	2,900	2,937	2,763	2,615	2,586	2,531	2,543	2,593
Machinery, except electrical, total	4,425 539	4,443 530	4,408 521	4,355 513	4,306 497	4,226 484	4,177 477	4,108 472	4,081 469	4,072 472	4,082 491	4,038 508
Electrical machinery, total	3,300	3,299	3,301	3,265	3,261	3,228	3,118	3,110	3,014	3,008	3,033	2,929
Electrical transmission and distribution equipment and industrial apparatus	867 1,035	866 1,030	868 1,023	867 1,003	866 996	853 986	807 963	782 971	748 948	747 940	765 933	775 877
Transportation equipment, total	5,916 1,935 3,416	5,759 1,897 3,321	5,722 1,840 3,379	5,587 1,759 3,335	5,430 1,688 3,286	5,357 1,617 3,293	5,152 1,507 3,214	5,078 1,407 3,243	5,104 1,404 3,276	5,313 1,573 3,294	5,366 1,598 3,311	5,497 1,600 3,430
Instruments and related products	817 3,635	817 3,627	813 3,610	815 3,587	811 3,596	802 3,550	770 3,493	755 3,467	751 3,412	734 3,372	736 3,369	752 3,439
Nondurable goods industries, total	18,214	18,084	17,852	17,766	17,655	17,967	18,034	17,879	17,800	17,902	18,031	18,046
Food and kindred products. Tobasco products. Tostile mill products. Paper and salied products. Chemicals and salied products. Petroleum and coal products. Rubber and plastics products. Al other modurable goods industries.	4,923 2,165 2,176 1,094 2,543 1,460 751 3,102	4,796 2,157 2,193 1,109 2,518 1,410 756 3,145	4,681 2,128 2,181 1,128 2,486 1,407 759 3,082	4,480 2,116 2,174 1,124 2,437 1,427 748 3,260	4,496 2,086 2,201 1,120 2,377 1,465 742 3,168	4,582 2,071 2,203 1,126 2,413 1,469 745 3,358	4,697 2,085 2,183 1,102 2,380 1,485 692 3,410	4,787 2,078 2,115 1,085 2,325 1,492 652 3,345	4,799 2,111 2,112 1,081 2,300 1,496 677 3,224	4,912 2,171 2,062 1,090 2,378 1,499 698 3,090	4,991 2,178 2,069 1,095 2,438 1,479 708 3,073	4,995 2,202 2,078 1,099 2,525 1,430 730 2,987

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued

		(Mill:	ons of d	ollars)								
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	CASONALLY	ADJUSTE	D				
1953												
All manufacturing industries, total	42,692	42,757	43,002	43,357	43,739	43,968	44,364	44,608	44,698	44,330	44,172	43,948
Durable goods industries, total	24,518	24,632	24,850	25,195	25,512	25,786	26,157	26,326	26,361	26,238	26,093	25,878
Stone, clay, and glass products	767	772	, 768	776	790	802	810	828	834	852	855	863
Primary metals, total. Blast furnaces, steel mills	3,174 2,053 1,121	3,168 2,042 1,126	3,230 2,073 1,157	3,335 2,126 1,209	3,448 2,176 1,272	3,539 2,253 1,286	3,630 2,297 1,333	3,753 2,372 1,381	3,825 2,411 1,414	3,819 2,392 1,427	3,788 2,354 1,434	3,745 2,275 1,470
Fabricated metal products	2,655	2,696	2,712	2,785	2,829	2,854	2,926	2,935	2,905	2,926	2,913	2,917
Machinery, except electrical, total	4,673 493	4,645 502	4,628 505	4,591 506	4,576 512	4,574 520	4,585 529	4,559 530	4,574 527	4,575 523	4,541 529	4,517 522
Electrical machinery, total	3,472	3,448	3,449	3,508	3,558	3,582	3,630	3,645	3,618	3,607	3,564	3,480
Electrical transmission and distribution equipment and industrial apparatus Household appliances, including radio and TV	924 1,141	922 1,129	918 1,124	927 1,130	922 1,149	925 1,152	936 1,160	942 1,159	938 1,145	940 1,135	924 1,119	906 1,092
	5,293	5,431	5,549	5,693	5,807	5,925	6,044	6,070	6,049	5,903	5,892	5,863
Transportation equipment, total	1,660	1,716 3,051	1,787 3,091	1,883	1,957 3,198	2,021 3,254	2,078 3,314	2,087 3,339	2,085 3,327	1,962 3,319	1,919 3,371	1,891
Instruments and related products	683 3,801	684 3,788	699 3,815	706 3,801	715 3,789	727 3,783	733 3,799	740 3,796	775 3,781	800 3,756	817 3,723	809 3,684
Nondurable goods industries, total	18,174	18,125	18,152	18,162	18,227	18,182	18,207	18,282	18,337	18,092	18,079	18,070
Food and kindred products. Tobacco products. Textile mill products. Paper and allied products. Petroleum and coal products. Bubber and plastics products, Bubber and plastics products, All other nondurable poods industries.	4,989 2,039 2,292 1,094 2,560 1,355 773 3,072	4,931 2,034 2,336 1,087 2,555 1,378 759 3,045	4,850 2,036 2,355 1,090 2,550 1,390 770 3,111	4,850 2,033 2,353 1,091 2,545 1,390 780 3,120	4,815 2,033 2,363 1,101 2,575 1,398 791 3,151	4,788 2,030 2,368 1,095 2,580 1,396 791 3,134	4,837 2,027 2,331 1,091 2,574 1,406 807 3,134	4,859 2,056 2,320 1,097 2,592 1,427 807 3,124	4,889 2,103 2,302 1,095 2,601 1,427 802 3,118	4,877 2,086 2,264 1,097 2,533 1,431 777 3,027	4,886 2,078 2,230 1,103 2,503 1,444 773 3,062	4,840 2,086 2,216 1,099 2,488 1,448 754 3,139
					WITHOU	T SEASON	AL ADJUS	TMENT				
All manufacturing industries, total	43,045	43,003	43,119	43,333	43,812	44,148	44,294	44,406	44,280	44,028	44,063	44,214
Durable goods industries, total	24,605	24,721	25,002	25,295	25,741	25,930	26,048	26,142	26,089	26,022	25,974	25,971
Stone, clay, and glass products	781	803	796	807	815	818	810	806	799	805	808	847
Primary metals, total. Blast furnaces, steel mills. All other primary metals.	3,259 2,125 1,134	3,172 2,036 1,136	3,143 1,980 1,163	3,195 1,981 1,214	3,325 2,048 1,277	3,379 2,107 1,272	3,571 2,240 1,331	3,761 2,384 1,377	3,894 2,491 1,403	3,936 2,521 1,415	3,946 2,523 1,423	3,890 2,409 1,481
				· ·	'				1		2,817	2,843
Fabricated metal products	2,594	2,671	2,736	2,825	2,953	3,031	3,002	2,924	2,832	2,818		
Machinery, except electrical, total	4,698 511	4,709 523	4,688 524	4,645 517	4,614 514	4,570 515	4,534 513	4,499 505	4,509 503	4,538 505	4,541 529	4,515 537
Electrical machinery, total	3,402	3,372	3,424	3,522	3,668	3,691	3,686	3,690	3,622	3,583	3,524	3,416
equipment and industrial apparatus	914 1,117	917 1,098	922 1 ,1 09	938 1,133	946 1,183	951 1,184	943 1,180	940 1,179	937 1,146	925 1,132	909	890 1,074
Transportation equipment, total. Motor vehicles and parts. Aircraft and parts.	5,385 1,723 2,990	5,495 1,781 3,024	5,641 1,867 3,080	5,744 1,924 3,131	5,814 1,988 3,174	5,892 2,007 3,256	5,919 1,989 3,306	5,933 1,972 3,341	5,917 1,981 3,321	5,873 1,923 3,331	5,874 1,892 3,375	5,983 1,955 3,431
Instruments and related products	683 3,803	685 3,814	706 3,868	719 3,838	730 3,822	744 3,805	726 3,800	727 3,802	765 3,751	789 3,680	808 3,656	804 3,673
Nondurable goods industries, total	18,440	18,282	18,117	18,038	18,071	18,218	18,246	18,264	18,191	18,006	18,089	18,243
Food and kindred products. Tobacco products. Textile mill products. Chesicals and allied products. Petroleum and coal products. Rubber and plastics products, Rubber nondrable goods industries.	5,170 2,117 2,271 1,092 2,635 1,342 785 3,028	4,979 2,099 2,334 1,095 2,624 1,341 775 3,035	4,736 2,073 2,364 1,109 2,606 1,350 792 3,087	4,618 2,051 2,384 1,106 2,560 1,352 807 3,160	4,562 2,013 2,423 1,108 2,545 1,386 824 3,210	4,575 1,981 2,434 1,106 2,574 1,381 827 3,340	4,735 1,962 2,378 1,091 2,522 1,417 801 3,340	4,904 1,990 2,302 1,088 2,525 1,459 771 3,225	4,965 2,053 2,274 1,082 2,498 1,468 764 3,087	5,046 2,096 2,212 1,080 2,481 1,474 735 2,882	5,135 2,080 2,179 1,088 2,502 1,475 751 2,879	5,059 2,128 2,175 1,096 2,578 1,444 758 3,005
	L				L							

Table 6.-Manufacturers' Total Inventories, by Industry Group: End of Month, 1947-1963-Continued
(Millions of dollars)

			(Millions	of dolla	rs;							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						SEASONALL	Y ADJUSTE	D				
1952 All manufacturing industries, total.	39,641	39,949	40,173	40,278	40,281	40,241	40,226	40,285	40,432	40,642	40,884	41,136
Durable goods industries Nondurable goods industries	21,660	22,022	22,366 17,807	22,595 17,683	22,804 17,477	22,616 17,625	22,491 17,735	22,710 17,575	22,921 17,511	23,275 17,367	23,401 17,483	23,731 17,405
1951 All manufacturing industries, total.	32,011	32,915	33,810	34,717	35,627	36,486	37,236	37,841	38,301	38,656	38,977	39,306
Durable goods industries	16,069	16,437	16,838	17,386	18,008	18,695	19,359	19,917	20,335	20,722	20,946	20,991
Nondurable goods industries	15,942	16,478	16,972	17,331	17,619	17,791	17,877	17,924	17,966	17,934	18,031	18,315
All manufacturing industries, total.	26,301	26,352	26,440	26,543	26,670	26,849	27,153	27,638	28,320	29,172	30,118	31,078
Durable goods industries Nondurable goods industries	13,044 13,257	13,075 13,277	13,175 13,265	13,270 13,273	13,417	13,658 13,191	13,662 13,491	13,697	14,032 14,288	14,511 14,661	15,187 14,931	15,539 15,539
1949 All manufacturing industries, total.	29,605	29,545	29,375	29,093	28,715	28,274	27,812	27,367	26,972	26,657	26,438	26,321
Durable goods industries Nondurable goods industries	15,679 13,926	15,757 13,788	15,687 13,688	15,525 13,568	15,219 13,496	14,865 13,409	14,517 13,295	14,130 13,237	13,766 13,206	13,507 13,150	13,130 13,308	13,060 13,261
1948 All manufacturing industries, total.	25,572	25,862	26,233	26,373	26,596	26,965	27,509	27,769	28,252	28,437	28,609	28,543
Durable goods industries	13,269 12,303	13,285 12,577	13,351 12,882	13,475 12,898	13,508 13,088	13,684 13,281	13,869 13,640	14,060 13,709	14,367 13,885	14,585 13,854	14,774 13,855	14,662 13,881
1947				24,025	24,546	24,680	25,097	25,366	25,574	25,950	26,010	25,897
All manufacturing industries, total. Durable goods industries	22,323	22,958	23,555	12,141	12,365	12,566	12,807	13,038	13,118	13,331	13,280	13,061
Nondurable goods industries	11,173	11,434	11,660	11,884	12,181	12,114	12,290	12,328	12,456	12,619	12,730	12,836
					WITHOU	T SEASONA	L ADJUSTW	ENT				
1952 All manufacturing industries, total.	40,120	40,376	40,609	40,535	40,462	40,156	39,900	39,949	40,058	40,318	40,642	41,534
Durable goods industries Nondurable goods industries	21,855 18,265	22,242 18,134	22,590 18,019	22,798 17,737	23,032 17,430	22,729 17,427	22,334 17,566	22,460 17,489	22,577 17,481	22,926 17,392	23,097 17,545	23,921 17,613
1951 All manufacturing industries, total.	32,511	33,004	33,799	34,865	35,697	36,507	37,299	37,748	37,965	38,241	38,527	39,151
Durable goods industries Nondurable goods industries	16,230 16,281	16,618 16,386	16,990 16,809	17,542 17,323	18,206 17,491	18,788 17,719	19,301 17,998	19,738 18,010	20,071 17,894	20,349 17,892	20,611 17,916	21,139 18,012
1950 All manufacturing industries, total.	26,676	26,607	26,659	26,675	26,859	27,085	26,983	27,046	27,871	28,695	30,173	31,503
Durable goods industries Nondurable goods industries	13,161 13,515	13,232 13,375	13,307 13,352	13,403 13,272	13,591 13,268	13,740 13,345	13,648 13,335	13,574 13,472	13,856 14,035	14,192 14,503	14,929 15,244	15,649 15,854
1949 All manufacturing industries, total.	30,024	29,997	29,650	29,225	28,848	28,303	27,769	27,157	26,651	26,274	26,044	26,492
Durable goods industries	15,804 14,220	15,946 14,051	15,844	15,680 13,545	15,432 13,416	14,954 13,349	14,532 13,237	14,017	13,573 13,078	13,196 13,078	12,881	13,139 13,355
1948												
All manufacturing industries, total. Durable goods industries	25,879	26,121 13,444	26,390 13,485	26,478 13,610	26,729	26,992	27,454	27,630	27,885 14,166	28,010	28,352 1 ¹ ,495	28,800
Nondurable goods industries	12,504	12,677	12,905	12,868	13,032	13,226	13,571	13,682	13,719	13,762	13,859	14,050
1947 All menufacturing industries, total.	22,591	23,167	23,696	24,121	24,669	24,705	25,047	25,239	25,242	25,561	25,776	26,130
Durable goods industries Nondurable goods industries	11,239 11,352	11,642 11,525	12,014 11,682	12,262 11,859	12,558 12,131	12,641 12,064	12,820 12,227	12,934 12,305	12,934 12,308	13,024 12,537	13,028 12,748	13,139 12,991

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963

			(Million	s of doll	ars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED					
1963												
TOTAL INVENTORIES												
All manufacturing industries, total.	57,885	58,021	58,126	58,309	58,507	58,706	58,884					
Durable goods industries, total	34,392	34,496	34,:93	34,787	34,962	35,156	35,346					
Stone, clsy, and glass products	1,501 5,850 11,460 6,775 8,806	1,501 5,848 11,466 6,849 8,832	1,508 5,846 11,479 6,940 8,820	1,495 5,854 11,534 7,013 8,891	1,502 5,857 11,578 7,102 8,923	1,506 5,873 11,597 7,237 8,943	1,491 5,831 11,693 7,370 8,961					
Nondurable goods industries, total	23,493	23,525	23,533	23,522	23,545	23,550	23,538					
Chemicsls and allied products	3,630 1,808 1,127 16,928	3,625 1,797 1,150 16,953	3,630 1,816 1,126 16,961	3,621 1,819 1,145 16,937	3,648 1,813 1,169 16,915	3,667 1,834 1,167 16,882	3,694 1,835 1,173 16,836					
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	20,413	20,407	20,395	20,451	20,405	20,445	20,528					
Durable goods industries, total	10,555	10,521	10,558	10,646	10,679	10,766	10,810					
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment. All other durable goods industries	501 2,321 2,982 1,784 2,967	2,303 2,959 1,826 2,938	2,279 2,955 1,867 2,966	492 2,247 2,978 1,922 3,007	491 2,220 2,999 1,902 3,067	2,212 3,028 1,943 3,091	492 2,198 3,083 1,873 3,164					
Nondurable goods industries, total	9,858	9,886	9,837	9,805	9,726	9,679	9,718					
Chemicals and allied products	1,259 364 361 7,874	1,268 366 364 7,888	1,276 361 366 7,834	1,283 365 361 7,796	1,308 367 360 7,691	1,348 371 360 7,600	1,356 383 363 7,616					
WORK IN PROCESS												
All manufacturing industries, total.	17,556	17,529	17,593	17,738	17,991	17,957	18,094					
Durable goods industries, total	14,173	14,156	14,213	14,349	14,602	14,629	14,740					
Stone, clay, and glass products	208 1,818 5,107 4,086 2,954	207 1,809 5,157 4,050 2,933	205 1,834 5,137 4,106 2,931	203 1,863 5,169 4,154 2,960	201 1,873 5,206 4,391 2,931	199 1,877 5,199 4,422 2,932	189 1,808 5,232 4,566 2,945					
Nondurable goods industries, total	3,383	3,373	3,380	3,389	3,389	3,328	3,354					
Chemicals and allied products	511 395 175 2,302	511 397 179 2,286	517 401 173 2,289	515 392 175 2,307	524 389 175 2,301	528 381 174 2,245	536 392 174 2,252					
FINISHED GOODS												
All manufacturing industries, total.	19,861	19,937	20,036	20,058	20,125	20,299	20,411					
Dursble goods industries, total	9,650	9,687	9,752	9,758	9,805	9,847	9,852					
Stone, clay, and glass products	804 1,724 3,398 829 2,895	799 1,724 3,430 821 2,913	811 1,721 3,444 823 2,953	806 1,716 3,466 833 2,937	807 1,734 3,492 839 2,933	815 1,749 3,510 847 2,926	820 1,779 3,512 859 2,882					
Nondurable goods industries, totsl	10,211	10,250	10,284	10,300	10,320	10,452	10,559					
Chemicals and allied products	1,824 1,043 606 6,738	1,819 1,027 615 6,789	1,817 1,055 623 6,789	1,831 1,052 630 6,787	1,845 1,036 625 6,814	1,850 1,055 636 6,911	1,841 1,066 639 7,013	:				

Table 7.--Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963--Continued

(Millions of dollars) Industry group Feb. April June July Aug. Sept. Oct. Nov. Dec. WITHOUT SEASONAL ADJUSTMENT 1963 TOTAL INVENTORIES All manufacturing industries, total. 57,970 58,366 58,432 58,565 58,939 58,997 58,568 Durable goods industries, total..... 34.292 34,899 35,107 35,483 35,187 34,696 35,441 1,539 5,880 11,529 6,939 8,809 1,549 5,766 11,754 7,043 1,544 5,747 11,877 7,147 9,126 1,527 5,781 11,842 7,162 9,171 Stone, clay, and glass products...... 1,567 1,502 5,800 11,693 5,814 11,636 7,002 6,849 Transportation equipment..... All other durable goods industries..... 8,880 8,995 Nondurable goods industries, total...... 23,678 23,670 23,533 23,458 23,498 23,514 23,381 Chemicals and allied products..... 3,660 3,706 3,652 1,804 1,162 3,629 3,677 1,831 1,173 3,689 1,851 1,158 Petroleum and coal products........... Rubber and plastics products, nec...... 1,760 16,833 All other nordurable goods industries ... 16,904 16,840 16,891 16,683 MATERIALS AND SUPPLIES All manufacturing industries, total, 20,612 20,598 20,505 20,410 20,263 20,242 20.376 Durable goods industries, total..... 10,516 10.497 10.465 10,516 10,558 10,709 10,771 Stone, clay, and glass products...... 496 499 492 486 489 2,243 2,932 1,871 2,952 2,078 3,010 1,953 2.989 2,089 3,018 1,878 3,084 2,155 2,960 1,905 2,330 2,940 1,810 3,070 1,774 3,214 Transportation equipment..... 1,897 All other durable goods industries..... 2,940 10,096 10,040 9,894 9,705 9,533 9,605 Nondurable goods industries, total..... 10.101 Chemicals and allied products..... 1,297 1,282 1,325 1,291 1,301 1,274 360 358 360 359 368 All other nondurable goods industries ... 8,087 8,027 7,884 7,676 7,480 7,530 WORK IN PROCESS 17.806 17,931 18.190 18.025 17,991 All manufacturing industries, total. Durable goods industries, total..... 14,161 14,356 14,423 14,721 14,618 14.544 198 222 216 192 Stone, clay, and glass products......
Primary metals.......
Machinery (electrical and nonelectrical) 1,872 5,169 4,208 2,894 1,881 5,184 4,235 2,902 1,911 5,189 4,229 2,966 1,873 5,246 4,420 1,861 1,848 1,802 5,180 4,420 2,965 5,134 4,431 2,985 4,190 Transportation equipment...... All other durable goods industries..... Nondurable goods industries, total..... 3,340 3,395 3,383 3.469 3,407 3,447 516 521 515 534 Chemicals and allied products..... 521 521 Petroleum and coal products..... 380 397 405 397 Rubber and plastics products, nec..... 169 2,274 2,308 2.299 2,369 2.316 All other nondurable goods industries ... RINISHRD GOODS 19.857 20.017 20.121 20,224 20,486 20,730 20,201 All manufacturing industries, total. 10,162 9,872 9,843 10,074 10.156 Durable goods industries, total..... 841 1,777 3,555 861 854 839 830 818 Stone, clay, and glass products 812 1,778 3,492 862 ary metals..... 1,731 3,366 849 1,765 3,428 860 1,785 1,786 1,777 3,489 850 3,613 3,633 Machinery (electrical and nonelectrical) 2,857 3,025 3,076 2,938 10,174 10,242 10,110 10,150 10.324 10.574 10,329 Nondurable goods industries, total..... 1,888 1,846 1,863 1,028 636 1,826 1,830 Chemicals and allied products..... 1,856 1,020 604 Petroleum and coal products..... Rubber and plastics products, nec......
All other nondurable goods industries... 6,674 6,578 6,846 6,816

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					s	EASONALLY	ADJUSTED					
1962												
TOTAL INVENTORIES												
All manufacturing industries, total.	55,396	55,695	56,003.	56,075	56,435	56,345	56,875	57,035	57,316	57,442	57,608	57,753
Durable goods industries, total	32,903	33,133	33,392	33,516	33,706	33,792	33,943	34,053	34,147	34,166	34,237	34,326
Stone, clay, and glass products Primery metals	1,467 6,027 10,542 6,343 8,524	1,463 6,050 10,604 6,447 8,569	1,468 6,049 10,732 6,519 8,624	1,471 6,030 10,817 6,535 8,663	1,463 6,017 10,883 6,677 8,666	1,469 6,019 10,970 6,664 8,670	1,471 5,990 11,050 6,733 8,699	1,496 5,985 11,150 6,700 8,722	1,517 5,980 11,232 6,696 8,722	1,498 5,939 11,290 6,739 8,700	1,502 5,880 11,359 6,771 8,725	1,492 5,873 11,386 6,799 8,776
Nondurable good industries, total	22,493	22,562	22,611	22,559	22,729	22,553	22,932	22,982	23,169	23,276	23,371	23,427
Chemicals and allied products	3,434 1,727 1,077 16,255	3,455 1,738 1,080 16,289	3,479 1,725 1,094 16,313	3,471 1,734 1,105 16,249	3,448 1,743 1,099 16,439	3,458 1,749 1,110 16,236	3,467 1,725 1,109 16,631	3,485 1,786 1,113 16,598	3,525 1,802 1,118 16,724	3,558 1,790 1,124 16,804	3,577 1,789 1,115 16,890	3,600 1,809 1,138 16,880
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,906	20,153	20,377	20,440	20,523	20,541	20,342	20,314	20,461	20,442	20,480	20,341
Durable goods industries, total	10,319	10,485	10,642	10,728	10,778	10,787	10,719	10,665	10,696	10,636	10,603	10,571
Stone, clay, and glass products	514 2,379 2,734 1,713 2,979	507 2,393 2,826 1,723 3,036	514 2,401 2,882 1,767 3,078	513 2,436 2,928 1,786 3,065	506 2,462 2,942 1,813 3,055	509 2,471 2,953 1,812 3,042	510 2,447 2,949 1,774 3,039	517 2,424 2,922 1,771 3,031	505 2,414 2,958 1,746 3,073	505 2,392 2,991 1,734 3,014	502 2,377 2,978 1,739 3,007	503 2,333 2,968 1,782 2,985
Nondurable goods industries, total	9,587	9,668	9,735	9,712	9,745	9,754	9,623	9,649	9,765	9,806	9,877	9,770
Chemicals and allied products	1,257 365 331 7,634	1,270 365 337 7,696	1,285 366 338 7,746	1,294 367 346 7,705	1,287 364 343 7,751	1,293 359 343 7,759	1,283 354 343 7,643	1,289 366 347 7,647	1,296 370 351 7,748	1,277 367 352 7,810	1,272 375 357 7,873	1,260 372 361 7,777
WORK IN PROCESS												
All manufacturing industries, total.	16,474	16,718	16,873	16,877	16,922	16,984	17,035	17,152	17,258	17,367	17,417	17,433
Durable goods industries, total	13,352	13,555	13,652	13,664	13,697	13,742	13,786	13,868	13,955	14,055	14,126	14,129
Stone, clay, and glass products	199 1,868 4,558 3,904 2,823	205 1,889 4,612 3,982 2,867	211 1,884 4,669 4,003 2,885	215 1,863 4,682 4,006 2,898	212 1,841 4,726 4,045 2,873	211 1,830 4,779 4,105 2,817	208 1,813 4,842 4,090 2,833	214 1,830 4,878 4,087 2,859	215 1,840 4,915 4,117 2,868	214 1,822 4,977 4,169 2,873	207 1,801 5,036 4,192 2,890	205 1,816 5,034 4,142 2,932
Nondurable goods industries, total	3,122	3,163	3,221	3,213	3,225	3,242	3,249	3,284	3,303	3,312	3,291	3,304
Chemicals and allied products	475 385 160 2,102	479 390 160 2,134	486 391 168 2,176	490 387 166 2,170	491 379 169 2,186	492 381 172 2,197	498 372 173 2,206	499 362 176 2,247	506 372 174 2,251	504 363 180 2,265	499 367 174 2,251	505 386 174 2,239
FINISHED GOODS												
All manufacturing industries, total.	18,984	19,073	19,149	19,176	19,301	19,374	19,502	19,522	19,653	19,719	19,759	19,839
Durable goods industries, total	9,194	9,203	9,257	9,307	9,308	9,340	9,397	9,420	9,457	9,507	9,558	9,593
Stone, clay, and glass products	772 1,760 3,189 747 2,726	769 1,773 3,176 757 2,728	770 1,776 3,214 768 2,729	772 1,782 3,237 775 2,741	779 1,767 3,223 771 2,768	786 1,762 3,230 772 2,790	783 1,772 3,263 777 2,802	778 1,780 3,277 782 2,803	789 1,755 3,289 799 2,825	788 1,733 3,321 808 2,857	797 1,713 3,349 816 2,883	790 1,721 3,381 824 2,877
Nondurable goods industries, total	9,790	9,870	9,892	9,869	9,993	10,034	10,105	10,102	10,196	10,212	10,201	10,246
Chemicals and allied products	1,709 1,005 584 6,492	1,725 1,020 584 6,541	1,727 1,005 588 6,572	1,713 1,018 591 6,547	1,697 1,034 601 6,661	1,707 1,045 596 6,686	1,723 1,045 594 6,743	1,731 1,028 599 6,744	1,755 1,051 589 6,801	1,778 1,046 600 6,788	1,786 1,034 595 6,786	1,799 1,056 605 6,786

Table 7.--Manufacturers' Inventories, by Industry Group' and Stage of Fabrication: End of Month, 1953-1963--Continued

			(4-2-2-2-0)	s of dolf	7							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHOU	r seasona	L ADJUSTM	ENT				
<u>1962</u>												
TOTAL INVENTORIES												
All manufacturing industries, total.	55,498	56,025	56,300	56,345	56,822	56,568	56,561	56,792	57,064	57,209	57,292	57,419
Durable goods industries, total	32,805	33,323	33,702	33,843	34,164	34,091	33,797	33,844	33,968	33,932	33,896	33,891
Stone, clay, and gless products	1,471 6,097 10,433 6,422 8,382	1,500 6,077 10,661 6,540 8,545	1,526 6,011 10,884 6,590 8,691	1,527 5,939 11,025 6,564 8,788	1,507 5,909 11,168 6,706 8,874	1,489 5,922 11,201 6,582 8,897	1,484 5,953 11,065 6,447 8,848	1,459 5,961 11,064 6,584 8,776	1,458 5,985 11,061 6,769 8,695	1,434 5,990 11,091 6,842 8,575	1,450 5,957 11,142 6,844 8,503	1,469 6,013 11,195 6,730 8,484
Nondurable goods industries, total	22,693	22,702	22,598	22,502	22,658	22,477	22,764	22,948	23,096	23,277	23,396	23,528
Chemicals and allied products	3,463 1,686 1,087 16,457	3,513 1,690 1,103 16,396	3,547 1,685 1,116 16,250	3,501 1,718 1,123 16,160	3,431 1,731 1,107 16,389	3,468 1,744 1,114 16,151	3,460 1,739 1,095 16,470	3,464 1,796 1,098 16,590	3,467 1,845 1,104 16,680	3,494 1,847 1,106 16,830	3,524 1,822 1,093 16,957	3,625 1,823 1,133 16,947
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	20,093	20,209	20,292	20,186	20,194	20,056	20,200	20,261	20,348	20,351	20,417	20,659
Durable goods industries, total	10,287	10,387	10,486	10,521	10,647	10,700	10,708	10,788	10,864	10,761	10,690	10,637
Stone, clay, and glass products	506 2,398 2,715 1,720 2,948	504 2,318 2,824 1,729 3,012	506 2,254 2,898 1,764 3,064	498 2,219 2,970 1,772 3,062	492 2,284 2,987 1,808 3,076	496 2,369 2,985 1,750 3,100	503 2,437 2,977 1,688 3,103	505 2,474 2,945 1,801 3,063	504 2,510 2,947 1,837 3,066	504 2,534 2,957 1,794 2,972	507 2,515 2,910 1,776 2,942	505 2,472 2,946 1,787 2,927
Nondurable goods industries, total	9,806	9,822	9,806	9,665	9,547	9,356	9,492	9,473	9,484	9,590	9,767	10,022
Chemicals and allied products	1,276 354 333 7,843	1,284 346 339 7,853	1,291 360 340 7,815	1,279 371 350 7,665	1,261 369 338 7,579	1,266 359 344 7,387	1,255 345 349 7,543	1,261 362 347 7,503	1,269 363 350 7,502	1,275 370 345 7,600	1,279 373 341 7,774	1,303 376 360 7,983
WORK IN PROCESS												
All manufecturing industries, total.	16,402	16,758	16,909	16,925	17,102	16,972	17,005	17,157	17,282	17,301	17,309	17,072
Durable goods industries, total	13,344	13,634	13,751	13,742	13,872	13,774	13,671	13,811	13,964	14,027	14,053	13,881
Stone, clay, and glass products	189 1,926 4,536 3,947 2,746	208 1,948 4,641 4,036 2,801	223 1,922 4,719 4,040 2,847	231 1,885 4,724 4,010 2,892	222 1,822 4,810 4,111 2,907	213 1,780 4,831 4,067 2,883	210 1,778 4,810 3,985 2,888	209 1,766 4,893 4,015 2,928	207 1,795 4,932 4,130 2,900	196 1,790 4,914 4,238 2,889	187 1,778 4,985 4,253 2,850	188 1,820 4,952 4,136 2,785
Nondurable goods industries, total	3,058	3,124	3,158	3,183	3,230	3,198	3,334	3,346	3,318	3,274	3,256	3,191
Chemicals and allied products. Petroleum and coal products. Rubber and plestics products, nec. All other nondurable goods industries	470 365 162 2,061	479 375 161 2,109	483 378 166 2,131	487 383 165 2,148	487 381 164 2,198	488 381 171 2,158	495 371 172 2,296	493 374 178 2,301	504 379 179 2,256	504 368 178 2,224	499 364 175 2,218	511 368 171 2,141
FINISHED GOODS												
All manufacturing industries, total.	19,003	19,058	19,099	19,234	19,526	19,540	19,356	19,374	19,434	19,557	19,566	19,688
Durable goods industries, total	9,174	9,302	9,465	9,580	9,645	9,617	9,418	9,245	9,140	9,144	9,193	9,373
Stone, clay, and glass products	776 1,773 3,182 755 2,688	788 1,811 3,196 775 2,732	797 1,835 3,267 786 2,780	798 1,835 3,331 782 2,834	793 1,803 3,371 787 2,891	780 1,773 3,385 765 2,914	771 1,738 3,278 774 2,857	745 1,721 3,226 768 2,785	747 1,680 3,182 802 2,729	734 1,666 3,220 810 2,714	756 1,664 3,247 815 2,711	776 1,721 3,297 807 2,772
Nondurable goods industries, total	9,829	9,756	9,634	9,654	9,881	9,923	9,938	10,129	10,294	10,413	10,373	10,315
Chemicals and allied products	1,717 967 592 6,553	1,750 969 603 6,434	1,773 947 610 6,304	1,735 964 608 6,347	1,683 981 605 6,612	1,714 1,004 599 6,606	1,710 1,023 574 6,631	1,710 1,060 573 6,786	1,694 1,103 575 6,922	1,715 1,109 583 7,006	1,746 1,085 577 6,965	1,811 1,079 602 6,823

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

			(MITI	ions of do	ollars;							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTED					
1961												
TOTAL INVENTORIES												
All manufacturing industries, total.	53,701	53,687	53,456	53,440	53,420	53,439	. 53,560	53,914	53,911	54,303	54,726	55,081
Durable goods industries, total	32,074	31,946	31,593	31,418	31,407	31,414	31,500	31,816	31,821	32,121	32,385	32,64
The state of the s	1,440	1,451	1,427	1,439	1,450	1,445	1,460	1,484	1,497	1,483	1,475	1,46
Stone, clay, and glass products Primary metals Machinery (electrical and nonelectrical) Transportation equipment All other durable goods industries	5,644 10,091 6,465 8,434	5,655 10,047 6,441 8,352	5,663 10,000 6,271 8,232	5,648 9,990 6,204 8,137	5,627 10,013 6,206 8,111	5,634 10,003 6,170 8,162	5,672 10,050 6,157 8,161	5,703 10,071 6,351 8,207	5,739 10,110 6,233 8,242	5,826 10,245 6,264 8,303	5,913 10,353 6,277 8,367	5,977 10,436 6,312 8,453
Nondurable goods industries, total	21,627	21,741	21,863	22,022	22,013	22,025	22,060	22,098	22,090	22,182	22,341	22,441
Chemicals and allied products	3,367 1,732 1,041 15,487	3,390 1,743 1,035 15,573	3,401 1,775 1,023 15,664	3,421 1,780 1,024 15,797	3,441 1,775 1,026 15,771	3,439 1,762 1,026 15,798	3,468 1,764 1,030 15,798	3,439 1,754 1,028 15,877	3,415 1,722 1,048 15,905	3,413 1,762 1,056 15,951	3,405 1,767 1,066 16,103	3,438 1,75 1,059 16,19
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,262	19,107	18,937	18,811	18,700	18,565	18,634	18,879	19,063	19,089	19,197	19,74
Durable goods industries, total	10,209	10,097	9,937	9,800	9,707	9,595	9,564	9,757	9,911	9,972	10,063	10,234
Stone, clay, and glass products	504 2,425 2,630 1,671 2,979	506 2,443 2,613 1,630 2,905	497 2,478 2,578 1,564 2,820	496 2,458 2,546 1,533 2,767	498 2,382 2,543 1,542 2,742	491 2,307 2,525 1,520 2,752	2,278 2,540 1,488 2,768	477 2,271 2,588 1,626 2,795	487 2,272 2,613 1,693 2,846	481 2,299 2,648 1,678 2,866	487 2,326 2,684 1,670 2,896	2,372 2,724 1,684 2,962
Nondurable goods industries, total	9,053	9,010	9,000	9,011	8,993	8,970	9,070	9,122	9,152	9,117	9,134	9,51
Chemicals and allied products	1,201 362 308 7,182	1,203 356 302 7,149	1,197 360 297 7,146	1,203 355 291 7,162	1,204 356 291 7,142	1,199 353 294 7,124	1,198 356 299 7,217	1,179 346 298 7,299	1,167 347 306 7,332	1,143 355 314 7,305	1,140 346 324 7,324	1,223 358 328 7,602
WORK IN PROCESS												
All manufacturing industries, total.	15,661	15,615	15,546	15,605	15,647	15,680	15,753	15,779	15,888	15,994	16,176	16,345
Durable goods industries, total	12,740	12,698	12,635	12,672	12,682	12,690.	12,756	12,761	12,831	12,931	13,034	13,225
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment. All other durable goods industries	194 1,616 4,280 3,866 2,784	194 1,644 4,276 3,836 2,748	190 1,635 4,290 3,772 2,748	189 1,657 4,317 3,789 2,720	195 1,676 4,286 3,752 2,773	197 1,715 4,255 3,712 2,811	200 1,755 4,270 3,735 2,796	195 1,745 4,310 3,731 2,780	198 1,777 4,348 3,715 2,793	198 1,813 4,391 3,722 2,807	202 1,839 4,443 3,732 2,818	203 1,864 4,544 3,820 2,794
Nondurable goods industries, total	2,921	2,917	2,911	2,933	2,965	2,990	2,997	3,018	3,057	3,063	3,142	3,120
Chemicals and allied products Petroleum and coal products. Rubber and plastics products, nec All other nondurable goods industries	463 370 156 1,932	460 345 154 1,958	454 374 152 1,931	461 376 154 1,942	460 389 153 1,963	460 402 153 1,975	463 402 155 1,977	465 406 154 1,993	466 391 160 2,040	467 397 161 2,038	469 394 159 2,120	476 383 161 2,100
FINISHED GOODS												
All manufacturing industries, total.	18,361	18,386	18,268	18,388	18,327	18,364	18,331	18,497	18,463	18,629	18,700	18,795
Durable goods industries, total	9,052	9,042	8,911	8,918	8,925	8,921	8,966	9,019	8,990	9,039	9,036	9,088
Stone, clay, and glass products	753 1,604 3,209 832 2,654	761 1,571 3,205 827 2,678	756 1,553 3,164 804 2,634	772 1,547 3,151 783 2,665	769 1,555 3,161 780 2,660	764 1,586 3,173 764 2,634	783 1,606 3,179 751 2,647	803 1,614 3,180 790 2,632	791 1,627 3,169 736 2,667	786 1,667 3,148 747 2,691	779 1,701 3,166 745 2,645	778 1,736 3,154 743 2,675
Nondurable goods industries, total	9,309	9,344	9,357	9,470	9,402	9,443	9,365	9,478	9,473	9,590	9,664	9,70
Chemicals and allied products. Fetroleum and coal products. Rubber and plastics products, nec All other nondurable goods industries	1,675 998 584 6,052	1,678 1,031 587 6,048	1,691 1,050 581 6,035	1,703 1,058 579 6,130	1,717 1,048 578 6,059	1,714 1,020 578 6,131	1,712 1,023 573 6,057	1,707 1,020 569 6,182	1,701 1,005 573 6,194	1,692 1,011 574 6,313	1,694 1,019 575 6,376	1,720 1,016 574 6,397

Table 7.--Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963--Continued

			(thrition	s or doll	ars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHOU	T SEASONA	L ADJUSTM	ENT				
1961												
TOTAL INVENTORIES												
All manufacturing industries, total.	53,787	53,985	53,727	53,708	53,784	53,696	53,325	53,675	53,657	54,082	54,439	54,776
Durable goods industries, total	31,964	32,117	31,905	31,751	31,847	31,702	31,409	31,613	31,641	31,896	32,065	32,231
Stone, clay, and glass products	1,443 5,707 9,979 6,550 8,285	1,487 5,680 10,099 6,525 8,326	1,482 5,624 10,142 6,352 8,305	1,498 5,562 10,179 6,244 8,268	1,496 5,536 10,277 6,227 8,311	1,470 5,535 10,220 6,099 8,378	1,475 5,630 10,079 5,921 8,304	1,443 5,686 10,001 6,230 8,253	1,435 5,747 9,956 6,291 8,212	1,417 5,881 10,064 6,353 8,181	1,424 6,002 10,153 6,336 8,150	1,447 6,121 10,251 6,251 8,161
Nondurable goods industries, total	21,823	21,868	21,822	21,957	21,937	21,994	21,916	22,062	22,016	22,186	22,374	22,545
Chemicals and allied products	3,401 1,698 1,055 15,669	3,446 1,698 1,059 15,665	3,466 1,734 1,047 15,575	3,446 1,758 1,041 15,712	3,420 1,768 1,029 15,720	3,441 1,759 1,024 15,770	3,454 1,779 1,016 15,667	3,418 1,765 1,016 15,863	3,360 1,761 1,034 15,861	3,353 1,816 1,039 15,978	3,362 1,799 1,048 16,165	3,463 1,761 1,056 16,265
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,584	19,422	19,204	18,845	18,703	18,586	18,811	19,106	19,204	19,263	19,415	20,084
Durable goods industries, total	10,194	10,095	9,845	9,618	9,615	9,598	9,631	9,951	10,076	10,139	10,191	10,323
Stone, clay, and glass products	498 2,434 2,597 1,717 2,948	507 2,366 2,615 1,683 2,924	494 2,325 2,601 1,603 2,822	485 2,242 2,573 1,547 2,771	493 2,230 2,585 1,559 2,748	490 2,247 2,560 1,520 2,781	490 2,300 2,597 1,442 2,802	473 2,375 2,604 1,689 2,810	489 2,407 2,590 1,776 2,814	483 2,464 2,627 1,763 2,802	491 2,491 2,640 1,740 2,829	495 2,520 2,704 1,696 2,908
Nondurable goods industries, total	9,390	9,327	9,359	9,227	9,088	8,988	9,180	9,155	9,128	9,124	9,224	9,761
Chemicals and allied products	1,227 357 311 7,495	1,226 346 304 7,451	1,228 362 299 7,470	1,214 364 292 7,357	1,199 363 292 7,234	1,205 360 298 7,125	1,216 358 305 7,301	1,194 327 308 7,326	1,181 336 302 7,309	1,184 354 308 7,278	1,178 338 310 7,398	1,262 360 324 7,815
WORK IN PROCESS												
All manufacturing industries, total.	15,683	15,812	15,806	15,888	16,007	15,999	15,921	15,945	16,011	16,094	16,246	16,041
Durable goods industries, total	12,769	12,845	12,838	12,875	12,924	12,873	12,759	12,792	12,866	12,987	13,096	13,026
Stone, clay, and glass products Primary metals Machinery (electrical and nonelectrical) Transportation equipment All other durable goods industries	188 1,664 4,210 3,977 2,730	200 1,697 4,253 3,976 2,719	203 1,676 4,311 3,906 2,742	204 1,696 4,362 3,893 2,720	207 1,688 4,370 3,862 2,797	204 1,688 4,320 3,796 2,865	204 1,740 4,271 3,713 2,831	193 1,723 4,294 3,746 2,836	191 1,758 4,318 3,767 2,832	182 1,796 4,362 3,833 2,814	183 1,840 4,421 3,842 2,810	187 1,870 4,475 3,828 2,666
Nondurable goods industries, total	2,914	2,967	2,968	3,013	3,083	3,126	3,162	3,153	3,145	3,107	3,150	3,015
Chemicals and allied products	464 359 159 1,932	466 342 156 2,003	462 372 152 1,982	470 379 153 2,011	468 396 152 2,067	469 408 151 2,098	477 407 154 2,124	476 407 157 2,113	478 393 162 2,112	482 398 158 2,069	483 385 160 2,122	478 367 158 2,012
FINISHED GOODS												
All manufacturing industries, total.	18,520	18,751	18,717	18,975	19,074	19,111	18,593	18,624	18,442	18,725	18,778	18,651
Durable goods industries, total	9,001	9,177	9,222	9,258	9,308	9,231	9,019	8,870	8,699	8,770	8,778	8,882
Stone, clay, and glass products	757 1,609 3,172 856 2,607	780 1,617 3,231 866 2,683	785 1,623 3,230 843 2,741	809 1,624 3,244 804 2,777	796 1,618 3,322 806 2,766	776 1,600 3,340 783 2,732	781 1,590 3,211 766 2,671	777 1,588 3,103 795 2,607	755 1,582 3,048 748 2,566	752 1,621 3,075 757 2,565	750 1,671 3,092 754 2,511	765 1,731 3,072 727 2,587
Nondurable goods industries, total	9,519	9,574	9,495	9,717	9,766	9,880	9,574	9,754	9,743	9,955	10,000	9,769
Chemicals and allied products	1,710 982 585 6,242	1,754 1,010 599 6,211	1,776 1,000 596 6,123	1,762 1,01,596 6,344	1,753 1,009 585 6,419	1,767 991 575 6,547	1,761 1,014 557 6,242	1,748 1,031 551 6,424	1,701 1,032 570 6,440	1,687 1,064 573 6,631	1,701 1,076 578 6,645	1,723 1,034 574 6,438

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
				SE	ASONALLY	ADJUSTED						
1960												
TOTAL INVENTORIES												
All manufacturing industries, total.	53,149	53,569	53,911	54,137	54,344	54,407	54,436	54,427	54,589	54,400	54,263	53,814
Turable goods industries, total	32,189	32,566	32,914	33,028	33,047	33,072	33,024	32,977	33,034	32,891	32,790	32,360
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment. All other durable goods industries	1,416 5,317 10,199 6,885 8,372	1,429 5,405 10,355 6,937 8,440	1,465 5,491 10,483 6,985 8,490	1,470 5,585 10,547 6,895 8,531	1,469 5,683 10,505 6,818 8,572	1,474 5,746 10,488 6,782 8,582	1,479 5,743 10,415 6,767 8,620	1,452 5,762 10,363 6,734 8,666	1,455 5,750 10,358 6,723 8,748	1,455 5,724 10,253 6,659 8,800	1,448 5,690 10,236 6,626 8,790	1,458 5,662 10,224 6,489 8,527
Mondurable goods industries, total	20,960	21,003	20,997	21,109	21,297	21,335	21,412	21,450	21,555	21,509	21,473	21,454
Chemicals and allied products	3,210 1,770 1,031 14,949	3,230 1,757 1,038 14,978	3,251 1,728 1,054 14,964	3,304 1,720 1,076 15,009	3,343 1,721 1,096 15,137	3,350 1,719 1,102 15,164	3,366 1,724 1,110 15,212	3,401 1,705 1,109 15,235	3,374 1,703 1,074 15,404	3,331 1,703 1,060 15,415	3,345 1,705 1,052 15,371	3,343 1,706 1,045 15,360
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,867	19,997	20,123	20,130	20,160	20,129	20,156	20,120	19,900	19,854	19,693	19,399
Durable goods industries, total	10,726	10,827	10,902	10,894	10,884	10,825	10,848	10,782	10,647	10,606	10,484	10,286
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment. All other durable goods industries	506 2,274 2,879 1,851 3,216	497 2,265 2,899 1,898 3,268	516 2,234 2,899 1,917 3,336	512 2,250 2,899 1,919 3,314	517 2,302 2,875 1,898 3,292	516 2,335 2,847 1,866 3,261	513 2,395 2,840 1,853 3,247	513 2,433 2,821 1,787 3,228	514 2,414 2,786 1,776 3,157	518 2,410 2,757 1,786 3,135	514 2,377 2,729 1,787 3,077	504 2,384 2,691 1,698 3,009
Mondurable goods industries, total	9,141	9,170	9,221	9,236	9,276	9,304	9,308	9,338	9,253	9,248	9,209	9,113
Chemicals and allied products	1,205 391 346 7,199	1,210 391 342 7,227	1,211 392 356 7,262	1,209 388 356 7,283	1,214 386 356 7,320	1,204 386 353 7,361	1,206 382 348 7,372	1,224 381 349 7,384	1,220 376 338 7,319	1,219 370 331 7,328	1,214 375 314 7,306	1,206 368 311 7,228
WORK IN PROCESS												
All manufacturing industries, total.	15,945	15,998	16,133	16,131	16,182	16,238	16,182	16,279	16,102	16,041	16,006	15,715
Durable goods industries, total	13,018	13,085	13,209	13,184	13,219	13,269	13,199	13,294	13,169	13,108	13,053	12,780
Stome, clay, and glass products	185 1,632 4,232 4,261 2,708	184 1,612 4,255 4,276 2,758	186 1,628 4,305 4,323 2,767	186 1,639 4,312 4,263 2,784	185 1,661 4,361 4,207 2,805	186 1,672 4,425 4,141 2,845	186 1,670 4,406 4,085 2,852	187 1,668 4,411 4,156 2,872	187 1,649 4,418 4,058 2,857	189 1,638 4,345 4,061 2,875	188 1,627 4,354 4,021 2,863	193 1,599 4,266 3,893 2,829
Nondurable goods industries, total	2,927	2,913	2,924	2,947	2,963	2,969	2,983	2,985	2,933	2,933	2,953	2,935
Chemicals and allied products	464 383 158 1,922	465 379 160 1,909	467 369 163 1,925	462 388 167 1,930	463 392 171 1,937	466 388 180 1,935	466 399 172 1,946	466 396 169 1,954	461 403 151 1,918	464 402 154 1,913	469 389 162 1,933	467 375 158 1,935
FINISHED GOODS												
All manufacturing industries, total.	17,232	17,448	17,684	17,827	18,034	18,230	18,378	18,369	18,503	18,547	18,569	18,543
Durable goods industries, total	8,320	8,487	8,699	8,824	8,936	9,081	9,098	9,174	9,229	9,242	9,237	9,190
Stone, clay, and glass products	705 1,333 3,019 752 2,511	713 1,418 3,055 775 2,526	730 1,501 3,095 791 2,582	732 1,569 3,116 802 2,605	739 1,625 3,134 816 2,622	739 1,702 3,128 830 2,682	744 1,677 3,137 851 2,689	750 1,698 3,155 855 2,716	759 1,719 3,188 854 2,709	759 1,710 3,224 852 2,697	756 1,688 3,220 859 2,714	760 1,653 3,242 841 2,694
Nondurable goods industries, total	8,912	8,961	8,985	9,003	9,098	9,149	9,280	9,195	9,274	9,305	9,332	9,353
Chemicals and allied products	1,542 989 533 5, 848	1,550 969 534 5,908	1,563 951 548 5,923	1,580 938 559 5,926	1,592 938 559 6,009	1,618 941 574 6,016	1,623 948 577 6,132	1,642 954 579 6,020	1,645 959 583 6,087	1,669 962 577 6,097	1,671 975 582 6,104	1,661 970 581 6,141

Table 7.--Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963--Continued

			· (1122220	is or dorn	aroj	-						
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					VITHOU	T SEASONA	L ADJUSTN	ENT				
1960												
TOTAL INVENTORIES												
All manufacturing industries, total.	53,243	53,848	54,234	54,445	54,729	54,719	54,226	54,151	54,275	54,148	53,960	53,512
Durable goods industries, total	32,074	32,724	33,280	33,416	33,513	33,376	32,931	32,731	32,811	32,646	32,464	31,953
Stone, clay, and glass products	1,418 5,380 10,082 6,977 8,217	1,464 5,421 10,407 7,026 8,406	1,522 5,446 10,631 7,095 8,586	1,532 5,494 10,737 6,949 8,704	1,520 5,605 10,768 6,816 8,803	1,507 5,630 10,722 6,691 8,826	1,496 5,684 10,462 6,516 8,773	1,404 5,754 10,307 6,573 8,693	1,389 5,761 10,200 6,769 8,692	1,387 5,783 10,060 6,751 8,665	1,3% 5,780 10,037 6,682 8,569	1,438 5,795 10,032 6,449 8,239
Nondurable goods industries, total	21,169	21,124	20,954	21,029	21,216	21,343	21,295	21,420	21,464	21,502	21,496	21,559
Chemicals and slided products	3,254 1,739 1,049 15,127	3,288 1,711 1,065 15,060	3,317 1,683 1,085 14,869	3,322 1,690 1,095 14,922	3,321 1,715 1,097 15,083	3,350 1,720 1,093 15,180	3,344 1,738 1,089 15,124	3,374 1,722 1,093 15,231	3,318 1,738 1,058 15,350	3,280 1,754 1,040 15,428	3,316 1,737 1,038 15,405	3,373 1,708 1,046 15,432
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,995	20,099	20,051	19,915	19,841	19,851	19,950	19,970	19,831	19,855	19,741	19,715
Durable goods industries, total	10,694	10,808	10,793	10,737	10,767	10,772	10,832	10,813	10,772	10,741	10,596	10,367
Stone, clay, and glass products	507 2,317 2,870 1,888 3,112	505 2,232 2,943 1,924 3,204	523 2,115 2,970 1,922 3,263	521 2,074 2,984 1,881 3,277	527 2,168 2,938 1,845 3,289	529 2,289 2,896 1,803 3,255	532 2,406 2,906 1,735 3,253	507 2,504 2,843 1,769 3,190	518 2,526 2,756 1,814 3,158	525 2,555 2,684 1,827 3,150	521 2,527 2,647 1,817 3,084	510 2,547 2,677 1,718 2,915
Nondurable goods industries, total	9,301	9,291	9,258	9,178	9,074	9,079	9,118	9,157	9,059	9,114	9,145	9,348
Chemicals and allied products	1,230 384 350 7,337	1,231 362 343 7,335	1,222 392 356 7,288	1,218 397 358 7,205	1,216 398 361 7,099	1,209 400 357 7,113	1,214 389 355 7,160	1,229 366 356 7,206	1,222 361 335 7,141	1,224 369 324 7,197	1,224 368 300 7,253	1,247 368 307 7,426
WORK IN PROCESS												
All manufacturing industries, total.	15,978	16,151	16,344	16,373	16,401	16,337	16,098	16,133	16,148	15,975	15,895	15,450
Durable goods industries, total	13,072	13,218	13,423	13,403	13,375	13,284	13,025	13,057	13,162	13,050	12,969	12,609
Stone, clay, and glass products	179 1,705 4,215 4,323 2,650	192 1,691 4,329 4,312 2,694	203 1,712 4,434 4,366 2,708	209 1,717 4,467 4,267 2,743	205 1,706 4,498 4,160 2,806	202 1,644 4,527 4,068 2,843	198 1,639 4,401 3,935 2,852	185 1,620 4,389 3,983 2,880	179 1,595 4,385 4,092 2,911	173 1,596 4,276 4,085 2,920	171 1,616 4,292 4,023 2,867	179 1,607 4,201 3,907 2,715
Nondurable goods industries, total	2,900	2,933	2,921	2,970	3,026	3,053	3,073	3,076	2,986	2,925	2,926	2,841
Chemicals and allied products. Petroleum and coal products, Rubber and plastics products, nec. All other mondurable goods industries	466 375 163 1,902	474 377 163 1,919	471 368 164 1,918	470 396 167 1,937	473 404 172 1,977	476 395 175 2,007	474 403 170 2,026	474 393 173 2,036	467 395 153 1,971	462 403 149 1,911	470 383 164 1,909	467 361 156 1,857
FINISHED GOODS												
All manufacturing industries, total.	17,270	17,598	17,839	18,157	18,487	18,531	18,178	18,048	18,296	18,318	18,324	18,347
Durable goods industries, total	8,308	8,698	9,064	9,276	9,371	9,320	9,074	8,861	8,877	8,855	8,899	8,977
Stone, clay, and glass products	732 1,358 2,997 766 ,455	767 1,498 3,135 790 2,508	796 1,619 3,227 807 2,615	802 1,703 3,286 801 2,684	788 1,732 3,332 811 2,708	776 1,697 3,299 820 2,728	766 1,639 3,155 846 2,668	712 1,630 3,075 821 2,623	692 1,640 3,059 863 2,623	689 1,632 3,100 839 2,595	704 1,637 3,098 842 2,618	749 1,641 3,154 824 2,609
Nondurable goods industries, total	8,962	8,900	8,775	8,881	9,116	9,211	9,104	9,187	9,419	9,463	9,425	9,370
Chemicals and allied products	1,558 980 536 5,888	1,583 952 559 5,806	1,624 923 565 5,663	1,634 897 576 5,780	1,632 913 564 6,007	1,665 925 561 6,060	1,656 946 564 5,938	1,671 963 564 5,989	1,629 982 570 6,238	1,594 982 567 6,320	1,622 986 574 6,243	1,659 979 583 6,149

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Milions of dollars)												
Industry	Jan.	Feb.	March	April	Mey	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTED					
1959												
TOTAL INVENTORIES				,								
All manufacturing industries, total.	50,126	50,342	50,677	51,107	51,540	51,967	52,238	51,942	51,781	51,520	51,788	52,707
Durable goods industries, total	30,191	30,334	30,630	30,954	31,274	31,615	31,812	31,504	31,233	30,826	31,044	31,839
Stone, clay, and glass products	1,246 5,352 8,968 6,665	1,247 5,390 9,006 6,681	1,248 5,438 9,060 6,757	1,264 5,386 9,190 6,863	1,280 5,330 9,319 6,935	1,291 5,164 9,519 7,083	1,296 5,092 9,668 7,105	1,282 4,986 9,740 6,939	1,289 4,963 9,774 6,908	1,328 4,933 9,893 6,622	1,364 5,060 9,892 6,643	1,379 5,258 10,042 6,870
Nondurable goods industries, total	19,935	20,008	20,047	20,153	20,266	20,352	20,426	20,438	20,548	20,694	20,744	20,868
Chemicals and allied products	2,944	2,949	2,941	2,943	2,969	2,997	3,044	3,066	3,114	3,185	3,190	3,197
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	18,534	18,668	18,937	19,200	19,589	20,169	20,266	19,939	19,543	19,200	19,384	19,674
Durable goods industries, total	9,873	9,972	10,238	10,481	10,764	11,207	11,350	11,053	10,599	10,231	10,347	10,585
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	453 2,263 2,444 1,629	2,245 2,469 1,663	453 2,230 2,540 1,762	462 2,197 2,602 1,869	467 2,235 2,674 1,957	477 2,312 2,805 2,072	482 2,275 2,869 2,137	492 2,252 2,822 2,035	487 2,262 2,756 1,856	488 2,263 2,756 1,689	493 2,300 2,750 1,777	507 2,319 2,809 1,819
Nondurable goods industries, total	8,661	8,696	8,699	8,719	8,825	8,962	8,916	8,886	8,944	8,969	9,037	9,089
Chemicals and allied products	1,143	1,145	1,146	1,130	1,156	1,187	1,197	1,201	1,207	1,197	1,203	1,210
WORK IN PROCESS												
All manufacturing industries, total.	15,167	15,205	15,258	15,350	15,419	15,458	15,589	15,502	15,620	15,621	15,596	15,880
Durable goods industries, total	12,349	12,359	12,396	12,456	12,547	12,589	12,668	12,599	12,694	12,669	12,701	12,952
Stone, clay, and glass products Primary metals. Machinery (elcitrical and nonelectrical) Transportation equipment.	168 1,570 3,750 4,288	168 1,583 3,772 4,272	1,610 3,776 4,282	172 1,619 3,796 4,312	171 1,620 3,837 4,334	170 1,587 3,884 4,364	169 1,565 3,946 4,354	173 1,586 4,011 4,232	178 1,592 4,025 4,294	180 1,589 4,128 4,187	181 1,606 4,121 4,193	182 1,618 4,214 4,258
Nondurable goods industries, total	2,818	2,846	2,862	2,894	2,872	2,869	2,921	2,903	2,926	2,952	2,895	2,928
Chemicals and allied products	437	442	451	456	459	456	459	459	462	469	468	460
FINISHED GOODS												
All manufacturing industries, total.	16,240	16,311	16,357	16,446	16,519	16,469	16,505	16,591	16,626	16,704	16,812	17,000
Durable goods industries, total	7,763	7,818	7,844	7,874	7,890	7,879	7,879	7,871	7,899	7,891	7,978	8,143
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	624 1,447 2,714 635	622 1,465 2,734 648	623 1,463 2,755 662	624 1,438 2,792 674	634 1,400 2,816 685	643 1,301 2,861 703	638 1,257 2,868 710	620 1,172 2,879 712	631 1,126 2,922 729	664 1,104 2,935 704	692 1,159 2,943 696	685 1,274 2,961 736
Nondurable goods industries, total	8,477	8,493	8,513	8,572	8,629	8,590	8,626	8,720	8,727	8,813	8,834	8,857
Chemicals and allied products	1,375	1,364	1,348	1,347	1,353	1,360	1,388	1,428	1,474	1,525	1,524	1,525

Table 7.--Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963--Continued

			(Millio	na of dol	lars)			-				
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHOU	T SEASONA	L ADJUSTM	ENT				
1959												
TOTAL INVENTORIES												
All manufacturing industries, total.	50,242	50,558	50,941	51,325	51,811	52,260	52,033	51,638	51,419	51,244	51,521	52,497
Durable goods industries, total	30,101	30,439	30,931	31,287	31,680	31,942	31,743	31,238	30,956	30,569	30,730	31,495
Stone, clay, and glass products	1,249 5,434 8,868 6,743	1,281 5,413 9,036 6,733	1,298 5,382 9,162 6,851	1,319 5,263 9,320 6,934	1,325 5,247 9,526 6,930	1,326 5,033 9,727 7,004	1,310 5,020 9,725 6,875	1,236 4,987 9,698 6,749	1,227 4,979 9,637 6,911	1,263 4,991 9,715 6,700	1,313 5,155 9,709 6,685	1,360 5,389 9,850 6,872
Nondurable goods industries, total	20,141	20,119	20,010	20,038	20,131	20,318	20,290	20,400	20,463	20,675	20,791	21,002
Chemicals and allied products	2,996	3,013	3,006	2,958	2,940	2,986	3,011	3,024	3,051	3,134	3,176	3,236
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	18,651	18,771	18,904	18,974	19,442	20,723	20,175	19,880	19,457	19,280	19,385	19,998
Durable goods industries, total	9,873	9,923	10,114	10,325	10,708	11,914	11,364	11,152	10,711	10,394	10,448	10,682
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	2,309 2,439 1,679	446 2,203 2,467 1,717	447 2,099 2,538 1,795	459 2,000 2,600 1,858	466 2,083 2,677 1,920	478 2,240 2,821 2,024	486 2,274 2,927 1,987	486 2,314 2,871 2,025	485 2,375 2,766 1,859	2,720	499 2,474 2,718 1,805	516 2,490 2,801 1,851
Nondurable goods industries, total	8,778	8,848	8,790	8,649	8,734	8,809	8,811	8,728	8,746	8,886	8,937	9,316
Chemicals and allied products	1,168	1,163	1,154	1,124	1,126	1,162	1,174	1,164	1,175	1,222	1,207	1,253
WORK IN PROCESS												
All manufacturing industries, total.	15,249	15,293	15,458	15,575	15,570	15,083	15,479	15,357	15,593	15,684	15,260	15,693
Durable goods industries, total	12,432	12,480	12,620	12,702	12,640	12,138	12,507	12,433	12,661	12,533	12,599	12,854
Stone, clay, and glass products Primary metals. Mechinery (electrical and nonelectrical) Transportation equipment	162 1,636 3,742 4,410	172 1,651 3,795 4,350	180 1,701 3,802 4,371	187 1,700 3,840 4,389	186 1,669 3,896 4,324	180 1,535 3,920 4,279	177 1,526 3,929 4,187	170 1,546 4,005 4,043	167 1,534 4,038 4,319	1,497 4,178 4,288	171 1,598 4,078 4,212	169 1,636 4,167 4,296
Nondurable goods industries, total	2,817	2,813	2,838	2,873	2,930	2,945	2,972	2,924	2,932	3,151	2,661	2,839
Chemicals and allied products	441	452	457	456	456	454	455	451	454	470	476	456
FINISHED GOODS												
All manufacturing industries, total.	16,342	16,494	16,579	16,776	16,799	16,454	16,379	16,401	16,369	16,280	16,876	16,806
Durable goods industries, total	7,796	8,036	8,197	8,260	8,332	7,890	7,872	7,653	7,584	7,642	7,683	7,959
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	638 1,489 2,687 654	663 1,559 2,774 666	671 1,582 2,822 685	673 1,563 2,880 687	673 1,495 2,953 686	668 1,258 2,986 701	647 1,220 2,869 701	580 1,127 2,822 681	575 1,070 2,833 733	606 1,048 2,817 670	643 1,083 2,913 668	675 1,263 2,882 725
Nondurable goods industries, total	8,546	8,458	8,382	8,516	8,467	8,564	8,507	8,748	8,785	8,638	9,193	8,847
Chemicals and allied products	1,387	1,398	1,395	1,378	1,358	1,370	1,382	1,409	1,422	1,442	1,493	1,527

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

			(Millio	ns of dol	lars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTED					
<u>1958</u>												
TOTAL INVENTORIES												
All manufacturing industries, total,	51,554	51,226,	50,842	50,447	49,878	49,590	49,388	49,262	49,404	49,548	49,722	50,070
Durable goods industries, total	31,440	31,154	30,786	30,476	30,015	29,818	29,728	29,602	29,726	29,744	29,832	30,095
Stone, clay, and glass products. Primary metals Machinery (electrical and nonelectrical) Transportation equipment	1,266 5,193 9,731 7,014	1,268 5,188 9,644 6,870	1,260 5,243 9,504 6,729	1,247 5,297 9,349 6,561	1,239 5,190 9,199 6,493	1,241 5,123 9,077 6,488	1,249 5,129 9,036 6,480	1,278 5,132 9,003 6,467	1,262 5,103 8,921 6,666	1,253 5,104 8,917 6,562	1,258 5,185 8,910 6,580	1,248 5,281 8,934 6,687
Nondurable goods industries, total	20,114	20,072	20,056	19,971	19,863	19,772	19,660	19,660	19,678	19,804	19,890	19,975
Chemicals and allied products	3,026	3,031	3,034	3,008	2,983	2,969	2,942	2,936	2,939	2,953	2,953	2,952
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,366	19,278	19,123	18,981	18,616	18,384	18,275	18,278	18,393	18,537	18,465	18,518
Durable goods industries, total	10,555	10,474	10,309	10,173	9,902	9,701	9,633	9,588	9,736	9,851	9,817	9,847
Stone, clay, and glass products Primary metals Machinery (electrical and nonelectrical) Transportation equipment.	483 2,443 2,620 1,834	486 2,496 2,606 1,771	483 2,553 2,547 1,695	478 2,606 2,493 1,612	470 2,488 2,452 1,549	464 2,392 2,394 1,492	457 2,359 2,370 1,509	456 2,333 2,345 1,517	458 2,322 2,381 1,601	2,319 2,443 1,563	455 2,299 2,430 1,592	455 2,287 2,431 1,624
Nondurable goods industries, total	8,811	8,804	8,814	8,808	8,714	8,683	8,642	8,690	8,657	8,686	8,648	8,671
Chemicals and allied products	1,168	1,152	1,162	1,150	1,140	1,135	1,078	1,107	1,115	1,143	1,144	1,141
WORK IN PROCESS												
All manufacturing industries, total.	15,466	15,247	15,068	14,877	14,734	14,709	14,657	14,702	14,772	14,810	14,915	15,094
Durable goods industries, total	12,653	12,441	12,270	12,116	11,972	11,950	11,957	11,955	12,009	12,055	12,150	12,294
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	147 1,435 4,054 4,367	148 1,409 3,962 4,293	147 1,379 3,931 4,217	142 1,350 3,912 4,122	146 1,341 3,839 4,110	147 1,357 3,788 4,139	153 1,401 3,719 4,159	154 1,414 3,662 4,168	154 1,417 3,639 4,277	1,482 3,640 4,252	160 1,530 3,660 4,238	162 1,548 3,743 4,296
Nondurable goods industries, total	2,813	2,806	2,798	2,761	2,762	2,759	2,700	2,747	2,763	2,755	2,765	2,800
Chemicals and allied products	466	467	464	459	454	453	437	444	442	430	433	434
FINISHED GOODS												
All manufacturing industries, total.	16,742	16,671	16,682	16,612	16,500	16,422	16,281	16,132	16,110	16,107	16,240	16,247
Durable goods industries, total	8,086	8,034	8,040	8,016	7,936	7,906	7,884	7,783	7,704	7,647	7,718	7,749
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	632 1,307 2,982 723	634 1,294 2,970 710	630 1,323 2,938 708	629 1,352 2,878 697	626 1,364 2,847 688	631 1,375 2,818 677	1,356 2,836 668	652 1,371 2,841 655	643 1,358 2,767 669	635 1,333 2,731 659	638 1,366 2,744 669	628 1,413 2,701 652
Nondurable goods industries, total	8,656	8,637	8,642	8,596	8,564	8,516	8,397	8,349	8,406	8,460	8,522	8,498
Chemicals and allied products	1,405	1,414	1,419	1,413	1,410	1,400	1,426	1,405	1,406	1,399	1,390	1,384

Table 7 .-- Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963--Continued

(Millions of dollars)													
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
					WITHOU	T SEASON	L ADJUSTM	ENT					
1958													
TOTAL INVENTORIES													
All manufacturing industries, total.	51,699	51,438	51,105	50,612	50,122	49,860	49,242	48,921	49,011	49,293	49,554	50,013	
Durable goods industries, total	31,382	31,256	31,063	30,762	30,380	30,087	29,677	29,289	29,423	29,520	29,612	29,893	
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	1,270 5,293 9,626 7,108	1,307 5,218 9,653 6,925	1,312 5,174 9,585 6,815	1,302 5,132 9,459 6,638	1,283 5,085 9,394 6,496	1,275 4,949 9,258 6,432	1,263 5,039 9,081 6,315	1,233 5,125 8,954 6,272	1,199 5,139 8,820 6,625	1,188 5,196 8,781 6,637	1,208 5,325 8,785 6,624	1,232 5,450 8,778 6,729	
Nondurable goods industries, total	20,317	20,182	20,042	19,850	19,742	19,773	19,565	19,632	19,588	19,773	19,942	20,120	
Chemicals and allied products	3,089	3,108	3,109	3,029	2,956	2,958	2,901	2,881	2,867	2,905	2,945	2,999	
MATERIALS AND SUPPLIES													
All manufacturing industries, total.	19,464	19,315	18,985	18,650	18,312	18,281	18,267	18,245	18,374	18,608	18,703	19,000	
Durable goods industries, total	10,544	10,440	10,158	9,936	9,782	9,808	9,764	9,783	9,945	10,037	10,068	10,052	
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	479 2,466 2,628 1,884	478 2,405 2,616 1,828	474 2,339 2,559 1,745	471 2,304 2,488 1,633	463 2,278 2,461 1,559	460 2,316 2,435 1,524	458 2,363 2,443 1,471	460 2,409 2,409 1,549	464 2,477 2,417 1,610	474 2,494 2,432 1,593	467 2,492 2,442 1,643	465 2,469 2,441 1,728	
Nondurable goods indus+ries, total	8,920	8,875	8,827	8,714	8,530	8,473	8,503	8,462	8,429	8,571	8,635	8,948	
Chemicals and allied products	1,199	1,178	1,172	1,136	1,103	1,103	1,053	1,063	1,081	1,153	1,160	1,184	
WORK IN PROCESS													
All manufacturing industries, total.	15,504	15,322	15,221	15,072	15,022	14,795	14,607	14,608	14,779	14,767	14,748	14,953	
Durable goods industries, total	12,710	12,565	12,487	12,397	12,213	12,065	11,960	11,891	12,063	12,133	12,062	12,236	
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	141 1,477 4,043 4,478	149 1,445 4,006 4,363	1,438 1,438 3,987 4,334	154 1,401 3,982 4,275	157 1,368 3,927 4,222	1 <i>5</i> 7 1,312 3,860 4,213	160 1,361 3,769 4,162	155 1,394 3,707 4,08J	145 1,372 3,687 4,346	140 1,439 3,671 4,380	147 1,512 3,655 4,312	150 1,571 3,699 4,356	
Nondurable goods industries, total	2,794	2,757	2,734	2,675	2,809	2,730	2,647	2,717	2,716	2,634	2,666	2,717	
Chemicals and allied products	473	479	469	454	446	450	429	435	436	424	430	430	
FINISHED GOODS													
All manufacturing industries, total.	16,731	16,801	16,899	16,890	16,788	16,784	16,368	16,068	15,858	15,918	16,103	16,060	
Durable goods industries, total	8,128	8,251	8,418	8,429	8,385	8,214	7,953	7,615	7,415	7,350	7,462	7,605	
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	650 1,350 2,955 746	680- 1,368 3,031 734	683 1,397 3,039 736	677 1,427 2,989 730	663 1,439 3,006 715	658 1,321 2,963 695	645 1,315 2,869 682	618 1,322 2,838 640	590 1,290 2,716 669	574 1,263 2,678 664	594 1,321 2,688 669	617 1,410 2,638 645	
Nondurable goods industries, total	8,603	8,550	8,481	8,461	8,403	8,570	8,415	8,453	8,443	8,568	8,641	8,455	
Chemicals and allied products	1,417	1,451	1,468	1,439	1,407	1,405	1,419	1,383	1,350	1,328	1,355	1,385	

Table 7.--Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

		-	(112,2220	ns or cor			Г					
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTED					
<u>1957</u>				,								
TOTAL INVENTORIES												
All manufacturing industries, total.	50,947	51,303	51,678	51,972	51,981	52,052	52,272	52,342	52,379	52,200	52,016	51,871
Durable goods industries, total	30,679	30,981	31,251	31,570	31,615	31,671	31,858	31,959	32,053	32,033	31,824	31,728
Stone, clay, and glass products Frimary metals. Machinery (electrical and nonelectrical) Transportation equipment.	1,069 4,853 9,497 6,934	1,088 4,930 9,557 7,053	1,111 4,961 9,603 7,142	1,141 4,987 9,627 7,405	1,165 5,052 9,728 7,309	1,190 5,105 9,729 7,336	1,193 5,164 9,760 7,384	1,180 5,242 9,786 7,393	1,241 5,270 9,863 7,351	1,257 5,274 9,866 7,324	1,255 5,148 9,857 7,283	1,279 5,171 9,823 7,181
Nondurable goods industries, total	20,268	20,322	20,427	20,402	20,366	20,381	20,414	20,383	20,326	20,167	20,192	20,143
Chemicals and sllied products	2,880	2,896	2,928	2,985	2,975	2,973	2,965	2,957	2,958	2,941	2,960	3,013
MATERIALS AND SUPPLIES												
All menufacturing industries, total.	19,344	19,386	19,448	19,177	19,245	19,303	19,348	19,342	19,444	19,552	19,556	19,383
Durable goods industries, total	10,421	10,449	10,506	10,338	10,398	10,421	10,462	10,460	10,587	10,728	10,718	10,608
Stone, clay, and glass products Primary metala. Machinery (electrical and nonelectrical) Transportation equipment.	426 2,191 2,700 1,868	426 2,173 2,696 1,865	422 2,159 2,739 1,844	422 2,123 2,645 1,855	436 2,144 2,687 1,892	2,143 2,708 1,901	453 2,189 2,679 1,890	461 2,250 2,721 1,788	467 2,292 2,704 1,895	473 2,413 2,724 1,890	479 2,350 2,709 1,949	477 2,329 2,665 1,939
Nondurable goods industries, total	8,923	8,937	8,942	8,839	8,847	8,882	8,886	8,882	8,857	8,824	8,838	8,775
Chemicals and allied products	1,174	1,178	1,172	1,197	1,210	1,196	1,197	1,199	1,186	1,183	1,174	1,169
WORK IN PROCESS												
All manufacturing industries, total.	15,207	15,393	15,529	15,898	15,915	15,962	16,105	16,174	16,106	15,980	16,006	15,701
Durable goods industries, total	12,442	12,651	12,763	13,135	13,161	13,188	13,349	13,418	13,325	13,206	13,176	12,837
Stone, clay, and glass products Primary metals Machinery (electrical and nonelectrical) Transportation equipment.	142 1,459 3,957 4,385	142 1,496 4,045 4,434	142 1,545 3,998 4,518	149 1,578 4,085 4,667	152 1,595 4,140 4,635	156 1,620 4,133 4,624	156 1,623 4,207 4,698	155 1,623 4,235 4,738	1,605 4,286 4,609	1,532 4,204 4,652	1,485 4,295 4,604	168 1,481 4,086 4,464
Nondurable goods industries, total	2,765	2,742	2,766	2,763	2,754	2,774	2,756	2,756	2,781	2,774	2,830	2,864
Chemicals and allied products	412	412	413	422	424	432	447	448	451	439	446	455
FINISHED GOODS												
All manufacturing industries, total.	16,346	16,395	16,515	16,560	16,720	16,777	16,890	16,916	16,880	16,860	16,745	16,749
Durable goods industries, total	7,675	7,675	7,721	7,748	7,865	7,942	7,990	8,010	8,072	8,118	8,021	8,125
Stone, clay, and glass products	487 1,157 - 2,782 - 664	505 1,188 2,785 687	525 1,175 2,825 694	544 1,183 2,857 711	562 1,215 2,892 712	579 1,262 2,897 720	574 1,284 2,894 727	564 1,312 2,878 737	613 1,314 2,921 720	618 1,342 2,956 735	625 1,324 2,956 720	633 1,324 3,015 730
Nondurable goods industries, total	8,671	8,720	8,794	8,812	8,855	8,835	8,900	8,906	8,808	8,742	8,724	8,624
Chemicals and allied products	1,302	1,312	1,341	1,363	1,351	1,363	1,342	1,344	1,350	1,348	1,365	1,400

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

-			(Millio	ns of dol	lars)							
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHOU	T SEASONA	L ADJUSTY	ENT				
1957												
TOTAL INVENTORIES												
All manufacturing industries, total.	51,152	51,533	51,913	52,096	52,197	52,330	52,116	51,958	51,949	51,983	51,911	51,878
Durable goods industries, total	30,671	31,106	31,508	31,854	31,980	31,936	31,737	31,555	31,697	31,868	31,685	31,605
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	1,077 4,974 9,399 7,040	1,127 4,975 9,542 7,126	1,159 4,889 9,655 7,229	1,193 4,810 9,723 7,504	1,206 4,923 9,926 7,312	1,220 4,904 9,916 7,272	1,204 5,055 9,791 7,181	1,139 5,220 9,720 7,150	1,180 5,315 9,776 7,263	1,187 5,409 9,754 7,430	1,202 5,337 9,762 7,342	1,262 5,367 9,672 7,259
Nondurable goods industries, total	20,481	20,427	20,405	20,242	20,217	20,394	20,379	20,403	20,252	20,115	20,226	20,273
Chemicals and allied products	2,942	2,978	3,002	3,007	2,945	2,960	2,923	2,892	2,872	2,887	2,950	3,070
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	19,550	19,429	19,312	18,950	18,920	19,181	19,218	19,208	19,366	19,566	19,699	19,787
Durable goods industries, total	10,397	10,389	10,366	10,161	10,297	10,507	10,536	10,571	10,745	10,899	10,931	10,827
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	429 2,233 2,707 1,894	425 2,119 2,672 1,924	422 1,990 2,723 1,880	423 1,890 2,625 1,876	433 1,979 2,680 1,879	2,094 2,727 1,920	458 2,214 2,712 1,838	458 2,349 2,731 1,816	474 2,488 2,688 1,896	488 2,624 2,692 1,910	490 2,583 2,694 1,982	488 2,524 2,691 1,992
Nondurable goods industries, total	9,153	9,040	8,946	8,789	8,623	8,674	8,682	8,637	8,621	8,667	8,768	8,960
Chemicals and allied products	1,209	1,212	1,192	1,191	1,172	1,155	1,161	1,139	1,149	1,184	1,189	1,216
WORK IN PROCESS												
All manufacturing industries, total.	15,246	15,512	15,833	16,249	16,023	15,959	15,943	15,946	16,046	15,901	15,775	15,551
Durable goods industries, total	12,514	12,785	13,044	13,538	13,336	13,222	13,203	13,222	13,281	13,226	13,055	12,777
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	139 1,517 3,948 4,470	147 1,572 4,055 4,489	153 1,643 4,036 4,626	166 1,669 4,142 4,878	165 1,649 4,209 4,702	168 1,589 4,155 4,632	165 1,587 4,200 4,610	155 1,608 4,189 4,612	146 1,573 4,263 4,663	148 1,498 4,204 4,785	144 1,457 4,227 4,648	155 1,506 4,032 4,540
Nondurable goods industries, total	2,732	2,727	2,789	2,711	2,687	2,737	2,740	2,724	2,765	2,675	2,720	2,774
Chemicals and allied products	421	426	417	418	415	426	438	434	442	433	443	453
FINISHED GOODS												
All manufacturing industries, total.	16,356	16,592	16,768	16,897	17,254	17,190	16,955	16,804	16,537	16,516	16,437	16,540
Durable goods industries, total	7,760	7,932	8,098	8,155	8,347	8,207	7,998	7,762	7,671	7,743	7,699	8,001
Stone, clay, and glass products	509 1,224 2,744 676	555 1,284 2,815 713	584 1,256 2,896 723	604 1,251 2,956 750	608 1,295 3,037 731	610 1,221 3,034 720	581 1,254 2,879 733	526 1,263 2,800 722	560 1,254 2,825 704	551 1,287 2,858 735	568 1,297 2,841 712	619 1,337 2,949 727
Nondurable goods industries, total	8,596	8,660	8,670	8,742	8,907	8,983	8,957	9,042	8,866	8,773	8,738	8,539
Chemicals and allied products	1,312	1,340	1,393	1,398	1,358	1,379	1,324	1,319	1,281	1,270	1,318	1,401

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

	(Millions of dollars)											
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SE	ASONALLY	ADJUSTED					
<u>1956</u>												
TOTAL INVENTORIES												
All manufacturing industries, total.	45,538	46,122	46,492	47,156	47,753	48,330	48,574	48,896	49,545	49,774	50,313	50,642
Durable goods industries, total	26,772	27,229	27,602	28,095	28,573	28,895	28,947	29,094	29,493	29,828	30,237	30,447
Stone, clay, and glass products	954 4,046 8,104 6,122	974 4,089 8,277 6,219	993 4,103 8,475 6,283	1,020 4,164 8,675 6,382	990 4,269 8,819 6,494	1,023 4,326 9,000 6,474	1,039 4,298 9,025 6,543	1,037 4,419 9,076 6,512	1,023 4,545 9,156 6,662	1,017 4,652 9,299 6,701	1,043 4,748 9,373 6,819	1,057 4,847 9,432 6,840
Nondurable goods industries, total	18,766	18,893	18,890	19,061	19,180	19,435	19,627	19,802	20,052	19,946	20,076	20,195
Chemicals and allied products	2,616	2,668	2,678	2,708	2,738	2,756	2,798	2,801	2,830	2,850	2,857	2,863
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	17,831	18,000	18,181	18,411	18,559	18,707	18,676	18,592	18,685	18,898	19,067	19,388
Durable goods industries, total	9,252	9,419	9,587	9,789	9,921	10,101	10,085	9,932	9,933	10,094	10,240	10,417
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	401 1,776 2,467 1,668	408 1,775 2,513 1,723	421 1,769 2,615 1,773	435 1,774 2,703 1,777	411 1,890 2,746 1,777	430 1,997 2,819 1,810	430 2,011 2,790 1,824	426 2,009 2,673 1,807	415 1,998 2,670 1,789	428 2,080 2,674 1,815	430 2,154 2,691 1,811	2,222 2,680 1,846
Nondurable goods industries, total	8,579	8,581	8,594	8,622	8,638	8,606	8,591	8,660	8,752	8,804	8,827	8,971
Chemicals and allied products	1,098	1,124	1,133	1,130	1,130	1,136	1,144	1,140	1,155	1,154	1,160	1,168
WORK IN PROCESS												
All manufacturing industries, total.	13,583	13,783	13,935	14,193	14,420	14,527	14,516	14,520	14,736	14,895	15,046	15,038
Durable goods industries, total	11,012	11,183	11,363	11,584	11,779	11,839	11,799	11,835	12,028	12,202	12,350	12,317
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	129 1,280 3,400 3,861	134 1,295 3,482 3,916	135 1,313 3,568 3,939	139 1,353 3,628 4,002	131 1,364 3,673 4,104	141 1,350 3,767 4,062	143 1,327 3,758 4,094	143 1,354 3,771 4,067	139 1,405 3,789 4,203	136 1,425 3,881 4,225	142 1,435 3,937 4,307	140 1,440 3,918 4,308
Nondurable goods industries, total	2,571	2,600	2,572	2,609	2,641	2,688	2,717	2,685	2,708	2,693	2,696	2,721
Chemicals and allied products	376	367	390	392	407	412	412	404	41,0	411	413	414
FINISHED GOODS												
All manufacturing industries, total.	14,197	14,386	14,482	14,589	14,825	15,245	15,425	15,707	15,957	16,020	16,211	16,187
Durable goods industries, total	6,491	6,619	6,658	6,680	6,816	6,985	7,074	7,236	7,366	7,502	7,610	7,565
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	408 948 2,267 589	416 957 2,331 596	424 958 2,374 593	429 963 2,436 603	432 978 2,478 608	436 973 2,515 598	446 961 2,553 609	452 1,022 2,618 602	459 1,062 2,680 607	455 1,107 2,724 635	465 1,123 2,751 659	1,141 2,781 653
Nondurable goods industries, total	7,706	7,767	7,824	7,909	8,009	8,260	8,351	8,471	8,591	8,518	8,601	8,622
Chemicals and allied products	1,155	1,180	1,179	1,215	1,227	1,240	1,263	1,285	1,282	1,302	1,303	1,295

Table 7.--Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963--Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	WITHOUT SEASONAL ADJUSTMENT											
<u>1956</u>												
TOTAL INVENTORIES												
All manufacturing industries, total.	45,796	46,366	46,676	47,220	47,924	48,617	48,448	48,507	49,080	49,592	50,244	50,728
Durable goods industries, total	26,827	27,367	27,836	28,323	28,905	29,157	28,804	28,672	29,105	29,691	30,139	30,410
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	967 4,164 8,016 6,249	1,012 4,134 8,243 6,314	1,039 4,035 8,508 6,389	1,068 4,002 8,760 6,464	1,025 4,142 8,995 6,495	1,045 4,143 9,169 6,423	1,049 4,210 9,033 6,348	1,003 4,385 9,010 6,267	972 4,571 9,089 6,531	956 4,774 9,220 6,811	994 4,933 9,316 6,879	1,041 5,053 9,306 6,941
Nondurable goods industries, total	18,969	18,999	18,840	18,897	19,019	19,460	19,644	19,835	19,975	19,901	20,105	20,318
Chemicals and allied products	2,673	2,748	2,740	2,728	2,708	2,744	2,758	2,738	2,732	2,799	2,851	2,927
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	17,948	17,969	17,915	17,986	18,102	18,427	18,570	18,491	18,699	18,925	19,323	19,909
Durable goods industries, total	9,201	9,305	9,353	9,505	9,755	10,147	10,188	10,035	10,129	10,273	10,488	10,674
Stone, clay, and glass products	408 1,811 2,449 1,687	410 1,732 2,465 1,751	421 1,614 2,561 1,776	434 1,741 2,678 1,745	411 1,735 2,690 1,801	434 1,661 2,760 1,786	440 2,017 2,800 1,784	427 2,092 2,685 1,799	424 2,180 2,681 1,783	437 2,292 2,671 1,839	2,387 2,711 1,846	458 2,426 2,727 1,893
Nondurable goods industries, total	8,747	8,664	8,562	8,481	8,347	8,280	8,382	8,456	8,570	8,652	8,835	9,235
Chemicals and allied products	1,133	1,165	1,145	1,157	1,148	1,147	Y,109	1,084	1,117	1,155	1,175	1,217
WORK IN PROCESS												
All manufacturing industries, total.	13,635	13,899	14,116	14,392	14,562	14,485	14,338	14,307	14,672	14,876	14,924	14,917
Durable goods industries, total	11,080	11,275	11,552	11,831	11,967	11,809	11,599	11,641	11,962	12,262	12,327	12,255
Stone, clay, and glass products	127 1,341 3,347 3,956	139 1,368 3,454 3,949	146 1,392 3,548 4,006	154 1,289 3,659 4,092	141 1,371 3,769 4,061	151 1,429 3,823 4,027	151 1,275 3,713 3,961	145 1,329 3,757 3,885	133 1,381 3,799 4,167	1,408 1,408 3,907 4,332	131 1,421 3,941 4,370	128 1,460 3,862 4,398
Nondurable goods industries, total	2,555	2,624	2,564	2,561	2,595	2,676	2,739	2,666	2,710	2,614	2,597	2,662
Chemicals and allied products	385	379	392	393	374	392	400	392	399	411	416	416
FINISHED GOODS						,						
All manufacturing industries, total.	14,213	14,498	14,645	14,842	15,260	15,705	15,540	15,709	15,709	15,791	15,997	15,902
Durable goods industries, total	6,546	6,787	6,931	6,987	7,183	7,201	7,017	6,996	7,014	7,156	7,324	7,481
Stone, clay, and glass products	432 1,012 2,220 606	463 1,034 2,324 614	472 1,029 2,399 607	480 972 2,423 627	473 1,036 2,536 633	460 1,053 2,586 610	458 918 2,520 603	431 964 2,568 583	415 1,010 2,609 581	395 1,074 2,642 640	419 1,125 2,664 663	455 1,167 2,717 650
Nondurable goods industries, total	7,667	7,711	7,714	7,855	8,077	8,504	8,523	8,713	8,695	8,635	8,673	8,421
Chemicals and allied products	1,155	1,204	1,203	1,178	1,186	1,205	1,249	1,262	1,216	1,233	1,260	1,294

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		SEASONALLY ADJUSTED										
<u>1955</u>												
TOTAL INVENTORIES												
All manufacturing industries, total.	41,740	41,755	41,931	42,030	42,251	42,571	42,819	43,461	43,805	44,313	44,584	45,069
Durable goods industries, total	23,766	23,792	23,873	23,991	24,132	24,445	24,636	25,106	25,425	25,800	26,008	26,405
Stone, clay, and glass products. Primar, metals Machinery (electrical and nonelectrical) Transportation equipment.	855 3,612 7,012 5,363	860 3,633 7,006 5,378	867 3,660 6,998 5,394	862 3,686 7,041 5,381	861 3,680 7,065 5,413	860 3,710 7,160 5,537	868 3,736 7,258 5,544	880 3,795 7,395 5,694	889 3,841 7,543 5,718	900 3,924 7,673 5,881	910 4,004 7,800 5,841	921 4,011 8,004 5,979
Nondurable goods industries, total	17,974	17,963	18,058	18,039	18,119	18,126	18,183	18,355	18,380	18,513	18,576	18,664
Chemicals and allied products	2,476	2,483	2,470	2,454	2,466	2,477	2,496	2,517	2,537	2,560	2,579	2,602
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	16,143	16,088	16,184	16,263	16,333	16,477	16,636	16,995	17,166	17,472	17,495	17,750
Durable goods industries, total	7,937	7,951	7,988	8,056	8,091	8,206	8,358	8,621	8,802	8,972	8,967	9,194
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	364 1,589 2,013 1,366	365 1,607 2,013 1,375	371 1,632 2,024 1,363	371 1,674 2,027 1,378	374 1,646 2,037 1,366	372 1,655 2,051 1,366	364 1,708 2,097 1,393	387 1,781 2,152 1,440	401 1,830 2,202 1,455	391 1,873 2,264 1,549	390 1,862 2,300 1,532	396 1,835 2,415 1,620
Nondurable goods industries, total	8,206	8,137	8,196	8,207	8,242	8,271	8,278	8,374	8,364	8,500	8,528	8,556
Chemicals and allied products	1,024	1,027	1,021	1,009	1,023	1,030	1,053	1,072	1,073	1,081	1,093	1,104
WORK IN PROCESS												
All manufacturing industries, total.	12,167	12,147	12,148	12,088	12,198	12,404	12,520	12,688	12,785	12,965	13,131	13,327
Durable goods industries, total	9,705	9,671	9,654	9,599	9,672	9,876	9,954	10,057	10,187	10,406	10,520	10,756
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	116 1,118 2,802 3,479	119 1,100 2,774 3,496	116 1,103 2,763 3,516	112 1,095 2,773 3,488	112 1,104 2,796 3,523	110 1,134 2,850 3,626	111 1,152 2,887 3,601	114 1,161 2,947 3,666	119 1,168 3,014 3,673	120 1,198 3,106 3,745	1,221 1,221 3,188 3,711	126 1,239 3,324 3,768
Nondurable goods industries, total	2,462	2,476	2,494	2,489	2,526	2,528	2,566	2,631	2,598	2,559	2,611	2,571
Chemicals and allied products	393	392	385	383	381	374	376	373	376	383	391	387
FINISHED GOODS												
All manufacturing industries, total.	13,546	13,606	13,646	13,602	13,620	13,622	13,608	13,716	13,748	13,817	13,885	14,014
Durable goods industries, total	6,052	6,061	6,077	6,109	6,125	6,128	6,102	6,211	6,186	6,241	6,344	6,348
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	368 912 2,145 460	366 909 2,144 456	366 905 2,134 469	366 899 2,136 469	365 894 2,136 485	369 890 2,167 508	376 870 2,166 514	367 855 2,184 534	360 834 2,198 544	377 868 2,197 553	385 913 2,205 564	393 921 2,196 579
Nondurable goods industries, total	7,494	7,545	7,569	7,493	7,495	7,494	7,506	7,505	7,562	7,576	7,541	7,666
Chemicals and allied products	1,088	1,082	1,082	1,077	1,079	1,085	1,083	1,093	1,108	1,111	1,110	1,126

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	WITHOUT SEASONAL ADJUSTMENT											
1955												
TOTAL INVENTORIES	ĺ											
All manufacturing industries, total.	42,036	41,958	42,019	41,966	42,284	42,770	42,695	43,165	43,366	44,166	44,523	45,225
Durable goods industries, total	23,845	23,890	24,042	24,118	24,363	24,644	24,493	24,777	25,064	25,668	25,919	26,439
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Iransportation equipment.	872 3,735 6,946 5,450	896 3,672 6,973 5,437	906 3,589 7,020 5,482	901 3,532 7,101 5,441	893 3,546 7,190 5,411	877 3,532 7,279 5,518	873 3,653 7,255 5,382	852 3,770 7,362 5,481	846 3,869 7,499 5,561	846 4,037 7,623 5,956	864 4,173 7,767 5,875	905 4,196 7,910 6,093
Nondurable goods industries, total	18,191	18,068	17,977	17,848	17,921	18,126	18,202	18,388	18,302	18,498	18,604	18,786
Chemicals and allied products	2,535	2,556	2,521	2,467	2,436	2,468	2,460	2,464	2,444	2,513	2,573	2,672
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	16,249	16,050	15,891	15,962	15,988	16,312	16,593	16,934	17,184	17,566	17,751	18,243
Durable goods industries, total	7,917	7,860	7,766	7,838	7,991	8,330	8,524	8,796	9,048	9,215	9,227	9,429
Stone, clay, and glass products	369 1,614 2,021 1,373	366 1,557 2,008 1,392	372 1,472 2,022 1,354	368 1,463 2,027 1,366	371 1,489 2,056 1,353	374 1,582 2,074 1,380	371 1,713 2,140 1,383	388 1,852 2,201 1,447	408 1,969 2,242 1,451	403 2,042 2,302 1,578	406 2,049 2,353 1,569	411 1,998 2,474 1,647
Nondurable goods industries, total	8,332	8,190	8,125	8,124	7,997	7,982	8,069	8,138	8,136	8,351	8,524	8,814
Chemicals and allied products	1,052	1,058	1,034	997	982	992	1,023	1,025	1,034	1,073	1,104	1,153
WORK IN PROCESS												
All manufacturing industries, total.	12,213	12,230	12,375	12,232	12,368	12,428	12,362	12,500	12,644	12,969	13,031	13,204
Durable goods industries, total	9,800	9,795	9,905	9,816	9,867	9,956	9,870	9,935	10,126	10,472	10,549	10,735
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	114 1,158 2,806 3,603	123 1,153 2,803 3,572	126 1,159 2,808 3,640	124 1,137 2,828 3,591	121 1,129 2,855 3,560	116 1,099 2,890 3,631	115 1,114 2,917 3,493	115 1,123 2,982 3,513	116 1,118 3,082 3,593	113 1,163 3,171 3,818	112 1,202 3,24 7 3,742	114 1,254 3,289 3,866
Nondurable goods industries, total	2,413	2,435	2,470	2,416	2,501	2,472	2,492	2,565	2,518	2,497	2,482	2,469
Chemicals and allied products	403	401	386	375	368	363	364	362	3 62	387	396	391
FINISHED GOODS												
All manufacturing industries, total.	13,574	13,678	13,753	13,772	13,928	14,030	13,740	13,731	13,538	13,631	13,741	13,778
Durable goods industries, total	6,128	6,235	6,371	6,464	6,505	6,358	6,099	6,046	5,890	5,981	6,143	6,275
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	389 963 2,119 474	407 962 2,162 473	408 958 2,190 488	409 932 2,246 484	401 928 2,279 498	387 851 2,315 507	387 826 2,198 506	349 795 2,179 521	322 782 2,175 517	330 832 2,150 560	346 922 2,167 564	380 944 2,147 580
Nondurable goods industries, total	7,446	7,443	7,382	7,308	7,423	7,672	7,641	7,685	7,648	7,650	7,598	7,503
Chemicals and allied products	1,080	1,097	1,101	1,095	1,086	1,113	1,073	1,077	1,048	1,053	1,073	1,128

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars) July Oct. Nov. Industry group Jan. Ech March Anril May June Aug. Sept. SEASONALLY ADJUSTED 1954 TOTAL INVENTORIES 41,483 All manufacturing industries, total. 43,528 43,287 42,954 42,064 41,862 41,394 41,452 41,612 24.643 24,364 24,112 23,629 23,520 23,611 23,710 Durable goods industries, total..... 25,541 841 3,471 7,237 5,220 Stone, clay, and glass products...... 861 3,519 240 847 21. 840 842 847 3,566 7,553 5,530 3,486 7,357 5,371 3,432 3,436 3,441 7,134 5,364 3,544 7,038 Transportation equipment..... 17,964 17,860 17,997 17,854 17.885 17.932 17,902 Nondurable goods industries, total..... Chemicals and allied products..... 2,436 2,428 2,410 2,420 2,417 2,423 2,440 2,448 MATERIALS AND SUPPLIES 16,642 16,574 16,375 16,344 16,249 16,238 All manufacturing industries, total. Durable goods industries, total..... 8,868 8,466 8,344 8,148 7,997 7,984 7,894 Stone, clay, and glass products...... 367 366 350 360 366 366 360 363 358 366 363 1,730 2,314 1,617 1,543 1,519 2,057 1,422 Transportation equipment..... Nondurable goods industries, total..... 8,307 8.256 8.108 8.176 8,258 8,229 8.254 8.167 Chemicals and allied products..... 997 1,003 998 WORK IN PROCESS All manufacturing industries, total. 12,954 12,826 11,876 12,041 12,019 12,215 Durable goods industries, total..... 10,530 10,420 9.649 9,563 9.544 9,536 9,636 9,765 9,721 113 1,015 3,203 3,529 110 108 109 1,071 3,225 3,614 932 1,006 3,032 2,988 2,813 Transportation equipment..... Nondurable goods industries, total 2,424 2,406 2.409 2,444 2,422 2,358 2,359 2,340 2,383 2,450 2,440 Chemicals and allied products..... 388 380 386 387 376 360 346 360 369 360 378 FINISHED GOODS 13,454 13,321 13,281 All manufacturing industries, total. 13,615 13,635 13.558 13.458 13.474 13,317 13.276 Durable goods industries, total..... 6,189 6,186 6,086 5,989 5,942 5,859 5,877 5,884 6,040 Stone, clay, and glass products..... 381 370 370 371 369 360 364 358 366 366 363 886 2,252 2,238 2,198 2,188 2,131 461 460 Nondurable goods industries, total..... 7,486 7,472 7.532 7,537 7.395 7.422 7,440 7,392 7.415 Chemicals and allied products..... 1.080 1.078 1.074 1,067 1,067 1,072 1,069 1,090 1.084 1,081 1,091

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	WITHOUT SEASONAL ADJUSTMENT											
<u>1954</u>												
TOTAL INVENTORIES												
All manufacturing industries, total.	43,840	43,497	43,049	42,536	42,247	42,261	41,797	41,288	41,016	41,249	41,541	41,831
Durable goods industries, total	25,626	25,413	25,197	24,770	24,592	24,294	23,763	23,409	23,216	23,347	23,510	23,785
Stone, clay, and glass products Primary metals	890 3,790 7,725 5,916	902 3,679 7,742 5,759	893 3,561 7,709 5,722	898 3,430 7,620 5,587	891 3,397 7,567 5,430	865 3,329 7,454 5,357	850 3,440 7,295 5,152	816 3,460 7,218 5,078	803 3,465 7,095 5,104	790 3,527 7,080 5,313	797 3,584 7,115 5,366	831 3,706 6,967 5,497
Nondurable goods industries, total	18,214	18,084	17,852	17,766	17,655	17,967	18,034	17,879	17,800	17,902	18,031	18,046
Chemicals and allied products	2,543	2,518	2,486	2,437	2,377	2,413	2,380	2,325	2,300	2,378	2,438	2,525
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	17,466	16,897	16,725	16,098	15,991	16,398	16,649	16,456	16,355	16,426	16,543	16,495
Durable goods industries, total	8,969	8,641	8,315	8,174	8,361	8,503	8,555	8,193	8,358	8,172	8,229	8,080
Stone, clay, and glass products	374 1,781 2,318 1,597	370 1,701 2,323 1,555	357 1,603 2,235 1,488	359 1,544 2,210 1,452	356 1,597 2,194 1,466	372 1,631 2,162 1,500	374 1,720 2,116 1,494	367 1,730 2,093 1,422	370 1,732 2,057 1,480	371 1,693 2,053 1,435	374 1,649 2,135 1,449	379 1,665 2,062 1,408
Nondurable goods industries, total	8,497	8,256	8,410	7,924	7,630	7,895	8,094	8,263	7,997	8,254	8,314	8,415
Chemicals and allied products,	1,068	1,032	1,019	999	951	965	976	930	943	975	999	1,046
WORK IN PROCESS												
All manufacturing industries, total.	12,996	12,893	12,759	12,606	12,520	12,105	11,559	11,825	11,746	11,811	11,896	12,059
Durable goods industries, total	10,507	10,419	10,331	10,156	9,837	9,718	9,505	9,364	9,286	9,572	9,639	9,735
Stone, clay, and glass products. Primary metals Machinery (electrical and nonelectrical) Transportation equipment	1,099 3,167 3,727	117 1,072 3,174 3,628	125 997 3,161 3,662	126 960 3,124 3,576	125 917 3,103 3,421	112 866 3,056 3,321	111 894 2,991 3,194	98 900 3,032 3,199	104 901 2,980 3,165	103 988 2,974 3,400	104 1,039 2,917 3,488	100 1,083 2,800 3,628
Nondurable goods industries, total	2,489	2,474	2,428	2,450	2,683	2,387	2,054	2,461	2,460	2,239	2,257	2,324
Chemicals and allied products	407	403	398	366	356	362	333	349	345	380	366	381
FINISHED GOODS												
All manufacturing industries, total.	13,378	13,707	13,565	13,832	13,736	13,758	13,589	13,007	12,915	13,012	13,102	13,277
Durable goods industries, total	6,150	6,353	6,551	6,440	6,394	6,073	5,703	5,852	5,572	5,603	5,642	5,970
Stone, clay, and glass products	409 910 2,240 592	415 906 2,245 576	411 961 2,313 572	413 926 2,286 559	410 883 2,270 543	381 832 2,236 536	365 826 2,188 464	351 830 2,093 457	329 832 2,058 459	316 846 2,053 478	319 896 2,063 429	352 958 2,105 461
Nondurable goods industries, total	7,228	7,354	7,014	7,392	7,342	7,685	7,886	7,155	7,343	7,409	7,460	7,307
Chemicals and allied products	1,068	1,083	1,069	1,072	1,070	1,086	1,071	1,046	1,012	1,023	1,073	1,098

Table 7.-Manufactures' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	SEASONALLY ADJUSTED											
1953												
TOTAL INVENTORIES												
All manufacturing industries, total.	42,692	42,757	43,002	43,357	43,739	43,968	44,364	44,608	44,698	44,330	44,172	43,948
Durable goods industries, total	24,518	24,632	24,850	25,195	25,512	25,786	26,157	26,326	26,361	26,238	26,093	25,878
Stone, clay, and glass products	767 3,174 8,145 5,293	772 3,168 8,093 5,431	768 3,230 8,077 5,549	776 3,335 8,099 5,693	790 3,448 8,134 5,807	802 3,539 8,156 5,925	810 3,630 8,215 6,044	828 3,753 8,204 6,070	834 3,825 8,192 6,049	852 3,819 8,182 5,903	855 3,788 8,105 5,892	863 3,745 7,997 5,863
Nondurable goods industries, total	18,174	18,125	18,152	18,162	18,227	18,182	18,207	18,282	18,337	18,092	18,079	18,070
Chemicals and allied products	2,560	2,555	2,550	2,545	2,575	2,580	2,574	2,592	2,601	2,533	2,503	. 2,488
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	17,024	17,051	17,178	17,213	17,514	17,515	17,603	17,713	17,699	17,506	17,457	17,283
Durable goods industries, total	8,475	8,481	8,560	8,636	8,955	8,975	9,123	9,300	9,250	9,173	9,110	8,966
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	383 1,591 2,346 1,324	379 1,553 2,329 1,353	379 1,583 2,334 1,398	376 1,630 2,356 1,441	372 1,740 2,414 1,595	371 1,696 2,426 1,670	369 1,721 2,463 1,724	367 1,742 2,491 1,802	368 1,754 2,488 1,798	368 1,719 2,483 1,739	365 1,731 2,422 1,743	371 1,718 2,362 1,656
Nondurable goods industries, total	8,549	8,570	8,618	8,577	8,559	8,540	8,480	8,413	8,449	8,333	8,347	8,317
Chemicals and allied products	1,079	1,077	1,090	1,067	1,064	1,067	1,055	1,060	1,063	1,046	1,043	1,031
WORK IN PROCESS												
All manufacturing industries, total.	13,046	13,169	13,279	13,436	13,473	13,650	13,706	13,688	13,573	13,183	13,216	13,192
Durable goods industries, total	10,494	10,552	10,724	10,858	10,849	11,006	11,133	11,166	11,110	10,773	10,839	10,720
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	105 975 3,509 3,206	109 974 3,451 3,330	109 1,006 3,437 3,439	110 1,028 3,432 3,582	111 1,019 3,437 3,627	111 1,083 3,414 3,711	112 1,120 3,454 3,783	114 1,156 3,467 3,764	113 1,184 3,385 3,742	123 1,189 3,295 3,556	115 1,174 3,296 3,650	115 1,127 3,302 3,638
Nondurable goods industries, total	2,552	2,617	2,555	2,578	2,624	2,644	2,573	2,522	2,463	2,410	2,377	2,472
Chemicals and allied products	407	405	377	390	395	401	406	411	404	397	374	390
FINISHED GOODS												
All manufacturing industries, total.	12,233	12,230	12,263	12,467	12,658	12,799	12,933	13,137	13,306	13,472	13,569	13,615
Durable goods industries, total	5,154	5,169	5,202	5,318	5,470	5,624	5,746	5,840	6,020	6,139	6,220	6,206
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	256 634 2,063 530	265 642 2,082 528	269 646 2,098 528	279 675 2,137 529	293 710 2,152 541	308 735 2,194 547	316 777 2,208 561	328 819 2,214 566	341 864 2,247 581	352 893 2,284 577	364 894 2,293 560	368 903 2,278 565
Nondurable goods industries, total	7,079	7,061	7,061	7,149	7,188	7,175	7,187	7,297	7,286	7,333	7,349	7,409
Chemicals and allied products	1,070	1,068	1,075	1,077	1,086	1,088	1,083	1,089	1,101	1,095	1,092	1,091

Table 7.-Manufacturers' Inventories, by Industry Group and Stage of Fabrication: End of Month, 1953-1963-Continued

(Millions of dollars)												
Industry group	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	WITHOUT SEASONAL ADJUSTMENT											
1953												
TOTAL INVENTORIES												
All manufacturing industries, total.	43,045	43,003	43,119	43,333	43,812	44,148	44,294	44,406	44,280	44,028	44,063	44,214
Durable goods industries, total	24,605	24,721	25,002	25,295	25,741	25,930	26,048	26,142	26,089	26,022	25,974	25,971
Stone, clay, and glass products. Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	781 3,259 8,100 5,385	803 3,172 8,081 5,495	796 3,143 8,112 5,641	807 3,195 8,167 5,744	815 3,325 8,282 5,814	818 3,379 8,261 5,892	810 3,571 8,220 5,919	806 3,761 8,189 5,933	799 3,894 8,131 5,917	805 3,936 8,121 5,873	808 3,946 8,065 5,874	847 3,890 7,931 5,983
Nondurable goods industries, total	18,440	18,282	18,117	18,038	18,071	18,218	18,246	18,264	18,191	18,006	18,089	18,243
Chemicals and allied products	2,635	2,624	2,606	2,560	2,545	2,574	2,522	2,525	2,498	2,481	2,502	2,578
MATERIALS AND SUPPLIES												
All manufacturing industries, total.	16,053	17,445	17,079	16,924	17,227	17,261	17,637	17,689	17,722	17,653	17,763	17,717
Durable goods industries, total	8,636	8,504	8,401	8,423	8,855	9,024	9,273	9,437	9,419	9,420	9,351	9,151
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	401 1,616 2,438 1,379	389 1,507 2,400 1,390	382 1,421 2,377 1,416	376 1,432 2,369 1,447	373 1,563 2,443 1,599	375 1,608 2,445 1,673	370 1,721 2,499 1,705	369 1,832 2,522 1,792	374 1,908 2,496 1,793	378 1,901 2,534 1,768	377 1,894 2,484 1,792	389 1,851 2,410 1,664
Nondurable goods industries, total	7,417	8,941	8,678	8,501	8,372	8,237	8,364	8,252	8,303	8,233	8,412	8,566
Chemicals and allied products	1,127	1,115	1,123	1,067	1,046	1,052	1,039	1,025	1,039	1,030	1,050	1,087
WORK IN PROCESS												
All manufacturing industries, total.	13,870	13,221	13,682	13,834	13,687	13,705	13,619	13,581	13,440	13,103	12,989	13,055
Durable goods industries, total	10,678	10,853	11,150	11,257	11,094	11,072	11,044	11,058	10,957	10,721	10,649	10,708
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment.	105 991 3,580 3,430	114 1,002 3,548 3,539	119 1,053 3,553 3,661	119 1,970 3,536 3,740	117 1,037 3,528 3,663	117 1,061 3,462 3,677	117 1,104 3,461 3,676	118 1,143 3,472 3,601	113 1,157 3,440 3,568	119 1,153 3,370 3,535	106 1,148 3,339 3,542	104 1,120 3,298 3,751
Nondurable goods industries, total	3,192	2,368	2,532	2,577	2,593	2,633	2,575	2,523	2,483	2,382	2,340	2,347
Chemicals and allied products	430	425	383	387	374	384	396	417	402	404	383	393
FINISHED GOODS												
All manufacturing industries, total.	13,122	12,337	12,358	12,575	12,898	13,182	13,038	13,136	13,118	13,272	13,311	13,442
Durable goods industries, total	5,291	5,364	5,451	5,615	5,792	5,834	5,731	5,647	5,713	5,881	5,974	6,112
Stone, clay, and glass products Primary metals. Machinery (electrical and nonelectrical) Transportation equipment	275 652 2,082 576	300 663 2,133 566	295 669 2,182 564	312 693 2,262 557	325 725 2,311 552	326 710 2,354 542	323 746 2,260 538	319 786 2,195 540	312 829 2,195 556	308 882 2,217 570	325 904 2,242 540	354 919 2,223 568
Nondurable goods industries, total	7,831	6,973	6,907	6,960	7,106	7,348	7,307	7,489	7,405	7,391	7,337	7,330
Chemicals and allied products	1,078	1,084	1,100	1,106	1,125	1,138	1,087	1,083	1,057	1,047	1,069	1,098

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963

(Millions of dollars) April July Aug. Sept. Oct. Nov. Dec. SEASONALLY ADJUSTED1 1963 SHIPMENTS 33,542 34,114 34,244 34,578 34.836 34,942 35,641 All manufacturing industries, total, Durable goods industries..... 17,892 18,112 18,242 18,746 16,241 16,478 16,700 Nondurable goods industries..... 16.895 Market categories: Home goods and apparel..... 3,436 3.478 Consumer durables..... 1,359 1,362 1,360 1.385 1,414 1,417 7,168 Consumer staples..... 7,145 Equipment and defense products, except automotive..... 4,055 4,094 4.209 4.168 4.167 4.381 Defense products2..... 1,962 2.034 2,020 Automotive equipment..... 3,397 3,527 3,583 3,738 Construction materials, supplies, and intermediate products..... 2 692 2 R24 2.844 Other materials and supplies and 13,578 intermediate products..... 13,226 13,383 13,738 14,013 NEW ORDERS 35,438 All manufacturing industries, total, 34,742 34,636 35,364 35,752 34,425 Durable goods industries..... 18,466 18,776 16,588 19,037 18,736 17,682 18,228 Nondurable goods industries..... 16 932 Market categories: Home goods and apparel..... 3.376 3.438 Consumer durables..... 1,409 1,369 1,378 1,434 1.416 7 182 7 174 7,263 automotive..... 4,929 4,712 4,310 4.509 4,204 Defense products2..... 2,888 2,424 2,397 1,899 Automotive equipment..... 3,587 3,661 3,587 3,481 3,487 Construction materials, supplies, and 2,783 intermediate products...... Other materials and supplies and 2,672 2.895 2,667 2,828 intermediate products..... 13,807 14,052 13,637 UNFILLED ORDERS All manufacturing industries, total. 47,809 48,424 49,353 50,246 50,565 50,052 49,542 46,745 Durable goods industries..... 45,057 45,736 46,681 47,864 Nondurable goods industries..... 2,688 Market categories: Home goods, apparel and consumer staples..... 1.802 1,835 1.864 1.926 1.924 Consumer durables..... 1.262 Equipment and defense products, including automotive..... 25.540 25.764 26,397 26,401 26,503 26,248 26,075 Defense products2..... 18,930 19,119 19,441 19,597 19,347 Construction materials, supplies, and intermediate products...... Other materials, supplies, and 4,833 4,899 4,893 4,906 intermediate products..... 15.634 16.199 17.036 16.938 16.485 INVENTORIES All manufacturing industries, total. 57,883 58,021 58,126 58,309 58,507 58,706 58,884 34,787 35,156 ome goods and apparel..... 5,997 5,994 6,006 6,084 6,005 Consumer durables..... 2,716 2,726 2.769 2,804 Consumer staples..... 9.538 9,525 Equipment and defense products, excepautomotive..... 11.865 11,950 11.941 11.961 11.976 12,149 Defense products2..... 5.352 5,445 5,493 5,647 Automotive equipment..... 2 996 3,083 3,178 3,248 onstruction materials, supplies, and 5,070 5,042

lothpments and new orders edjusted for trading-day and calendar month verietion; untilled orders and inventories as of end of month.

"The defense equipment consists of the following estepories: communicating equipment, aircraft and parties, and ordinance, The six-reft parts component is classified in the market category, "Guipment and defense products, except autosoftive," the market category, "Equipment and defense products, except autosoftive,"

22,695 22,818 22,881

intermediate products.....

22,463 22,466 22,488

STATISTICAL TABLES

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963

			(Milli	ons of do	llars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHO	UT SEASON	AL ADJUST	ŒNT ¹				
<u>1963</u>												1
SHIPMENTS												
All manufacturing industries, total.	31,223	34,718	35,060	35,436	35,002	36,527	32,744				1	
Durable goods industries	15,930 15,293	17,832 16,886	18,173 16,887	18,703 16,733	18,683 16,319	19,599 16,928	17,014 15,730		İ		1	
Market categories: Home goods and apparel	2,872	3,490	3,489	3,221	3,003	3,280	3,014	•				
Consumer durables	1,225	1,398	1,376	1,296	1,305	1,435	1,217					
Consumer staples Equipment and defense products, except	6,735	7,214	7,202	7,065	7,082	7,368	6,967					
automotive	3,619	4,254	4,318	4,404	4,237	4,541	3,951					
Defense products ²	1,826	2,102	2,047	2,067	2,014	2,160	1,974		ł			
Automotive equipment	3,386	3,630	3,722	3,912	3,784	3,886	3,483					
intermediate products Other materials and supplies and	2,189	2,491	2,582	2,836	2,935	3,124	2,846					
intermediate products	12,422	13,639	13,747	13,998	13,961	14,328	12,483					
NEW ORDERS												
All manufacturing industries, total. Durable goods industries	32,715 17,338	35,559 18,686	36,369 19,497	36,019 19,182	35,289 18,845	35,833 18,867	32,829 17,089					
Nondurable goods industries	17,338	16,873	16,872	16,837	16,444	16,966	15,740					
Market categories: Home goods and apparel	2,970	3,484	3,458	3,428	3,139	3,299	3,115					
Consumer durables	1,293	1,401	1,376	1,413	1,382	1,451	1,331					
Consumer staples Equipment and defense products, except	6,738	7,215	7,198	7,059	7,081	7,365	6,965					
automotive Defense products ²	4,400 2,474	4,381 2,063	5,064 2,513	4,378 1,854	4,332 2,147	4,566 2,081	4,166 2,144		1			
Automotive equipment	3,458	3,769	3,770	3,769	3,648	3,743	3,482					
Construction materials, supplies, and intermediate products	2,338	2,659	2,619	2,858	2,989	3,166	2,926					
Other materials and supplies and intermediate products	12,811	14,051	14,260	14,527	14,100	13,694	12,175					
UNFILLED ORDERS												
All manufacturing industries, total.	47,789	48,574	49,876	50,190	50,524	49,836	49,916					
Durable goods industries Nondurable goods industries	45,126 2,663	45,923 2,651	47,241 2,635	47,452 2,738	47,655 2,869	46,929 2,907	47,004 2,912		1			
Market categories:	2,000	Ljook	2,000	2,,50	2,007	2,557	,					
Home goods, apparel and consumer staples	1,766	1,771	1,736	1,836	1,980	1,997	2,098					
Consumer durables	1,175	1,187	1,187	1,203	1,287	1,303	1,421					
Equipment and defense products, including automotive	25,509	25,755	26,549	26,218	26,176	26,064	26,285					
Defense products2	19,063	19,027	19,492	19,118	19,255	19,180	19,356					
Construction materials, supplies, and intermediate products	4,758	4,913	4,948	4,969	5,034	5,074	5,156					
Other materials and supplies and intermediate products	15,756	16,135	16,643	17,167	17,334	16,701	16,377					
INVENTORIES												
All manufacturing industries, total.	57,970	58,366	58,432	58,565	58,939	58,997	58,568					
Durable goods industries Nondurable goods industries	34,292 23,678	34,696 23,670	34,899 23,533	35,107 23,458	35,441 23,498	35,483 23,514	35,187 23,381					
Market categories: Home goods and apparel	5,872	5,942	5,982	6,128	6,403	6,475	6,315					
Consumer durables	2,668	2,707	2,745	2,838	2,916	2,928	2,874					
Consumer staples Equipment and defense products, except	9,739	9,615	9,421	9,279	9,161	9,106	9,113					
automotive	11,790 5,321	12,034	12,117	12,156 5,549	12,230	12,190	12,125					
Defense products ² Automotive equipment	3,086	3,120	3,127	3,135	3,146	3,129	2,968					
Construction materials, supplies, and intermediate products	5,026	5,077	5,149	5,111	5,170	5,152	5,130					
Other materials and supplies and intermediate products	22,457	22,578	22,636	22,756	22,829	22,945	22,917					
	20,01											

1Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month,
2The defense equipment consists of the following entegories: communication equipment, sireraft and parts, and ordname. The sireraft parts
common is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in
the market orderoyr, "Regiment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

Feb. March April Aug. Ttem Jan. SRASONALLY ADJUSTED³ 1962 SHIPMENTS All manufacturing industries, total. 33.044 33,643 33,663 33,046 33,462 33.243 Durable goods industries..... 16.937 17,167 Nondurable goods industries..... Market categories: Home goods and apparel..... 3,365 3 362 3.363 3 373 1,366 1,372 1,369 Consumer durables..... 1,313 1,340 Consumer staples..... 6.90 6.965 Equipment and defense products, except 4.261 4.288 4,112 automotive..... 2,154 1,988 Defense products2..... 2.008 3,089 2,980 3,216 Automotive equipment..... 3,245 Construction materials, supplies, and 2,798 intermediate products..... 2.860 2.863 Other materials and supplies and intermediate products..... 12.813 12.845 NEW ORDERS All manufacturing industries, total. 32.58 32 997 32.809 33,400 33.105 Durable goods industries..... 16,910 16,592 Nondurable goods industries..... 16.082 Market categories: Home goods and apparel..... Consumer durables..... 1,382 1,340 Consumer staples..... Equipment and defense products, except 7,183 automotive..... Defense products2..... Automotive equipment..... Construction materials, supplies, and intermediate products..... 2.785 2 589 Other materials and supplies and intermediate products..... 12.664 UNFILLED ORDERS 48,880 46,479 46.784 All manufacturing industries, total, 48.951 49.546 48.538 46,730 46,338 48.064 Durable goods industries..... 44,094 2,690 44,947 43,180 Nondurable goods industries..... 2.967 Market categories: Home goods, apparel and consumer staples..... 2,066 Consumer durables..... 1,345 1,387 Equipment and defense products, including automotive..... 24,583 23.783 Defense products2..... 18.114 18,078 17,985 17.800 17,621 Construction materials, supplies, and 4,868 4 999 4.983 5.048 5.082 5.091 4,893 intermediate products..... 17,289 16,747 15,654 16.351 16.140 INVENTORIES All manufacturing industries, total. 55.396 55.695 56,003 56,075 56.345 56,875 57,316 Durable goods industries..... Nondurable goods industries..... 22,982 23,169 Market categories: Home goods and apparel..... 5.539 5.545 5.618 5,412 5.744 5 789 5 844 5.950 5.955 Consumer durables..... 2.542 2,685 2,722 Consumer staples...... Equipment and defense products, except 9,391 9,445 9,493 automotive.... 11 043 11,112 11,386 11,596 11.787 11,843 11,828 Defense products2..... 4,900 4,917 4.943 5,231 5,285 5,329 5,343 2,980 2,984 2,949 2.794 2.870 2,984 2,941 2.982 3,001 5,105 5,098 5,086 5,036 intermediate products..... 21.859 21.949 21,996 22.226 22.252 22,412

'Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories; communication equipment, aircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(Mill	ions of d	ollara)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITH	OUT SEASO	NAL ADJUS	TMENT ¹				
1962								1		1	1	
SHIPMENTS												
All manufacturing industries, total.	30,728	33,677	34,439	34,417	33,532	34,509	30,578	32,685	34,509	34,851	34,168	31,603
Durable goods industries Nondurable goods industries	15,683 15,045	17,342 16,335	18,111 16,328	18,230 16,187	17,863 15,669	18,202 16,307	15,521 15,057	16,235 16,450	17,353 17,156	17,722 17,129	17,456 16,712	16,489 15,114
Market categories: Home goods and apparel	2,775	3,331	3,443	3,260	2,922	3.137	2,982	3,736	3,732	3,847	3,589	2,801
Consumer durables	1,153	1,317	1,324	1,279	1,256	1,336	1,167	1,454	1,552	1,537	1,458	1,199
Consumer staples	6,568	7,049	6,937 4,493	6,918	6,860	7,190	6,728	7,029	7,449	7,345	7,241	6,716
automotive Defense products ²	2,002	4,296 2,259	2,273	4,478	4,278	4,606 2,187	3,714	3,997 2,007	4,205	4,010	4,050 2.047	4,188
Automotive equipment	2,977	3,081	3,260	3,328	3,364	3,185	2,914	2,205	2,914	3,528	3,530	3,392
Construction materials, supplies, and intermediate products	2,230	2,406	2,716	2,921	3,049	3,100	2,796	3,057	2,977	2,960	2,715	2,314
Other materials and supplies and intermediate products	12,484	13,514	13,590	13,512	13,059	· 1	1			1		
NEW ORDERS	12,404	12,014	15,590	13,512	13,009	13,291	11,444	12,661	13,232	13,161	13,043	12,192
All manufacturing industries, total.	31,836	34,547	34,086	33,427	33,105	33,969	30,698	32,116	33,873	34,639	33,494	32,213
Durable goods industries Nondurable goods industries	16,790 15,046	18,184 16,363	17,750 16,336	17,177 16,250	17,277 15,828	17,832 16,137	15,736 14,962	15,733 16,383	16,852 17,021	17,557 17,082	16,854 16,640	17,289 14,924
Market categories: Home goods and apparel	2,772	3,399	3,424	3,317	3,036	3,026	3,058	3,629	3,652	3,747	3,530	2,691
Consumer durables	1,185	1,383	1,325	1,250	1,271	1,281	1,296	1,446	1,504	1,455	1,371	1,130
Consumer staples	6,551	7,049	6,929 4,350	6,910	6,850 4,189	7,184	6,726 3.892	7,032	7,451	7,350	7,245	6,720 4,859
Defense products2	1,681	2,025	2,179	2,109	2,005	2,325	1,857	1,906	2,070	2,073	1,657	3,086
Automotive equipment	3,058	3,321	3,288	3,218	3,245	3,270	2,907	2,234	2,852	3,516	3,509	3,531
Construction materials, supplies, and intermediate products Other materials and supplies and	2,455	2,546	2,745	3,005	3,137	3,112	2,830	2,898	2,907	2,812	2,564	2,190
intermediate products	13,434	13,854	13,350	12,490	12,648	12,855	11,285	12,486	12,971	13,203	12,913	12,222
UNFILLED ORDERS												
All manufacturing industries, total.	49,017	49,814	49,456	48,489	48,043	47,491	47,666	47,080	46,475	46,255	45,577	46,242
Durable goods industries Nondurable goods industries	45,964 3,053	46,738 3,076	46,371 3,085	45,343 3,146	44,734 3,309	44,312 3,179	44,583 3,083	44,066 3,014	43,590 2,885	43,417 2,838	42,811 2,766	43,666 2,576
Market categories: Home goods, apparel and consumer staples	1.922	1.985	1,958	2,005	2,112	2,033	2,107	1,998	1,924	1,826	1,769	1,663
Consumer durables	1,287	1,349	1,350	1,322	1,337	1,273	1,404	1,395	1,349	1,264	1,175	1,106
Equipment and defense products, including automotive	24,420	24,715	24,599	24,500	24,282	24,275	24,451	24,318	24,103	24.092	23,763	24,627
Defense products2	18,193	17,979	17,883	17,701	17,622	17,755	17,806	17,704	17,724	17,842	17,454	18,393
Construction materials, supplies, and intermediate products.	4,882	5,010	5,040	5,122	5,213	5,224	5,259	5,096	5,028	4,875	4,724	4,602
Other materials and supplies and intermediate products	17,793	18,104	17,859	16,862	16,436	15,959	15,849	15,668	15,420	15,462	15,321	15,350
INVENTORIES												
All manufacturing industries, total.	55,498	56,025	56,300	56,345	56,822	56,568	56,561	56,792	57,064	57,209	57,292	57,419
Durable goods industries	32,805 22,693	33,323 22,702	33,702 22,598	33,843 22,502	34,164 22,658	34,091 22,477	33,797 22,764	33,844 22,948	33,968 23,096	33,932 23,277	33,896 23,396	33,891 23,528
Market categories: Home goods and apparel	5,422	5,499	5,603	5,698	5,915	5,760	6,045	5,871	5,717	5,665	5,632	5,662
Consumer durables	2,487	2,553	2,629	2,687	2,740	2,744	2,701	2,665	2,630	2,585	2,584	2,640
Consumer staples Equipment and defense products, except automotive	9,506	9,362	9,141	9,043	9,050	9,083	9,060	9,382	9,677	9,842	9,840	9,904
Defense products2	4,895	4,947	4,991	4,957	5,144	5,195	5,182	5,182	5,257	5,323	5,341	5,239
Automotive equipment	2,880	2,963	3,002	3,000	2,947	2,895	2,727	2,895	3,048	3,022	3,034	3,019
Construction materials, supplies, and intermediate products Other materials and supplies and	5,016	5,122	5,185	5,204	5,206	5,183	5,165	5,094	5,057	4,942	4,904	4,914
intermediate products	21,736	21,962	22,095	22,095	22,126	22,116	22,075	22,051	22,023	22,082	22,185	22,311

1Shipments and new orders adjusted for treding-day and calender month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Supranear and defense products, except automotive,"

Manufacture of the component and defense products, except automotive,"

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

(Millions of dollars) Dec. Feb. March Anril May June July Aug. Sept. Oct. Nov. SEASONALLY ADJUSTED1 1961 SHIPMENTS 31,000 30,689 31 377 31 624 31 777 32 056 32 680 29,207 29,418 29.968 30.023 30,514 All manufacturing industries, total. 15,414 16,014 16,042 15,735 16,327 15,729 16,765 Durable goods industries...... 14,461 14,791 15,042 15,374 15,697 15,837 15,610 14,957 14,981 15,303 Market categories: 2.929 2.928 2.997 2,980 3,143 3.104 3,187 3,305 2 971 3 162 Home goods and apparel..... 2,882 1,302 1,271 1,306 1,297 1,319 Consumer durables..... 1.139 1,144 1,206 1 206 1 238 1.224 1.209 6.791 6.892 6.928 6.819 6.934 6,743 6,584 6,708 6,754 6,782 Consumer staples..... Equipment and defense products, except 3,734 3,751 3,734 3,856 3,951 3.944 3.954 4.039 automotive..... 3,707 3,683 3,734 1,850 1,897 1.897 1,887 1,898 1,949 1,978 2,005 1,998 2,032 1.830 Defense products2..... 2.364 2,385 2,499 2,538 2,647 2,490 2,435 2,640 2,592 2,749 2,800 Automotive equipment..... 2,347 Construction materials, supplies, and 2.709 2,761 intermediate products...... Other materials and supplies and 2,470 2,412 2,565 2,556 2,657 2.731 2.677 2.668 11,280 11,368 11,658 11.919 12,122 12,085 12,421 12,360 12,458 12,520 12,874 intermediate products..... 11.217 NEW ORDERS 31,711 31,605 32,053 32,492 33,284 28,669 29 321 29.749 30.607 30.822 31.223 31.205 All manufacturing industries, total. Durable goods industries..... 15,509 16.118 15,281 15,638 15,794 Nondurable goods industries..... Market categories: 3,377 Home goods and apparel..... 2,893 2,896 3,158 3.146 3.224 1,306 Consumer durables..... 1,260 1,236 1,265 1,340 1,312 1.313 6,888 6,830 6,949 Consumer staples...... Equipment and defense products, except 6.615 6,738 6,767 6.951 3,488 3.839 3,392 3,709 3,754 4,004 3 844 3,998 3,874 3.775 automotive..... 1.848 1,822 1,728 1,955 1.921 1.970 1.860 1.824 Defense products2..... 1.483 2.884 2.794 Automotive equipment..... 2,310 2.443 2,640 2,478 2 636 2.626 Construction materials, supplies, and 2,625 2.799 2,703 2,761 2,724 2 701 2 740 2,739 10,918 12,741 12,213 12.677 12.742 13,650 12.058 12,187 12,256 intermediate products..... IMPILLED ORDERS 46,533 46,955 47.030 47.317 47,732 48,343 All manufacturing industries, total. 45.736 45.342 45.840 45,979 46,142 45,173 42,880 44,524 Durable goods industries..... 43,064 43,426 43,855 44,112 Market categories: Home goods, apparel and consumer 2,018 1.855 1.795 1.776 1,826 1,861 1,873 1,931 1,860 1,921 1,996 staples..... 1,310 1.354 Consumer durables..... Equipment and defense products, 24 760 24 51 3 including automotive..... 24,560 24 382 24.254 24.200 24.405 24.502 24.613 18,268 Defense products2..... 19,468 18,909 18,461 18,471 18,530 18,478 18,493 18,332 Construction materials, supplies, and intermediate products..... Other materials and supplies and 4,899 4,892 4,559 4,591 4,623 4 751 4,816 4.874 intermediate products..... 14.808 15.041 15,395 15,478 15,842 15,680 15,835 16,040 16,920 54,726 55,087 All manufacturing industries, total. 53,687 53,439 53 560 53 914 53.911 54.303 Durable goods industries..... 31,418 31,816 31,821 32,385 32,646 31.414 Nondurable goods industries..... 21.863 22,098 22,090 22,182 Home goods and apparel..... 5,310 5,339 5.318 5.313 5.379 2,481 Consumer durables..... 2,545 2,447 2,424 2,468 Consumer staples..... 9,242 8.745 8,805 8.882 8,944 8.927 9.164 Equipment and defense products, except 10,896 10.611 10,629 10,638 10.648 10.708 10.780 automotive..... 10.618 Defense products2..... 4,968 4,980 4,955 4,923 4.915 4.869 4.892 4,911 4,940 Automotive equipment..... 2,540 2 643 2.679 2.692 2,736 2,542 2,563 Construction materials, supplies, and intermediate products..... 5,049 5,045 5,014 4,997 4,958 4,953 4.982 21,030 21,141 21.225 21,690 21,067 21,064 21.039 21.064

Achipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following enterpoises: communication equipment, sixrent's and parts, and ordenance. The siteraft parts
component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in
the market category, "Equipment and defense products, except automative,"

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(Millio	ns of dol	lars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
1961												
All manufacturing industries, total.	27,294	30,013	30,633	30,626	30,505	32,341	28,086	30,956	32,951	33,308	32,546	31,353
Durable goods industries	13,320	14,656	15,212	15,633	15,725	16,846	13,821	15,113	16,395	16,614	16,624	16,430
Nondurable goods industries	13,974	15,357	15,421	14,993	14,780	15,495	14,265	15,843	16,556	16,694	15,922	14,923
Market categories: Home goods and apparel	2,534	3,165	3,340	2,845	2,565	2,820	2,647	3,541	3,556	3,645	3,511	2,828
Consumer durables	1,031	1,174	1,222	1,163	1,169	1,239	1,030	1,375	1,459	1,468	1,381	1,192
Consumer staples Equipment and defense products, except	6,261	6,784	6,748	6,628	6,722	6,913	6,470	6,759	7,320	7,287	6,876	6,616
automotive	3,320	3,816	3,931	3,841	3,782	4,073	3,367	3,667	4,050	3,907	3,906	4,138
Defense products ²	1,658	1,944	1,989	1,935	1,889	2,006	1,726	1,811	2,032	1,988	2,026	2,151
Automotive equipment Construction materials, supplies, and	2,350	2,450	2,516	2,702	2,683	2,820	2,136	1,783	2,336	2,753	3,054	2,969
intermediate products Other materials and supplies and	2,044	2,160	2,452	2,651	2,766	3,083	2,650	2,958	2,904	2,867	2,650	2,496
intermediate products	10,785	11,638	11,646	11,959	11,987	12,632	10,816	12,248	12,785	12,849	12,549	12,306
NEW ORDERS												
All manufacturing industries, total.	27.118	30,096	30,559	30,769	30,608	32,541	28,859	31,333	32,842	33,217	32,802	31,992
Durable goods industries	13,126	14,641	15,076	15,596	15,615	16,999	14,609	15,587	16,315	16,500	16,829	17,081
Nondurable goods industries	13,992	15,455	15,483	15,173	14,993	15,542	14,250	15,746	16,527	16,717	15,973	14,911
Market categories: Home goods and apparel	2,552	3,075	3,301	2,949	2,715	2,920	2,749	3,423	3,569	3,656	3,548	2,823
Consumer durables	1,051	1,145	1,212	1,196	1,199	1,273	1,181	1,384	1,534	1,435	1,366	1,115
Consumer staples	6,289	6,790	6,742	6,617	6,720	6,882	6,459	6,748	7,319	7,304	6,898	6,622
Equipment and defense products, except automotive	3,089	3,966	3,656	3,778	3,502	4,172	3,812	3,683	4,201	3,720	3,814	3,807
Defense products ²	1,183	1,984	1,523	1,754	1,630	1,987	1,837	1,906	2,120	1,953	1,819	2,243
Automotive equipment	2,364	2,453	2,509	2,630	2,703	2,862	2,157	1,867	2,362	2,791	3,228	2,998
intermediate products	2,167	2,208	2,579	2,693	2,830	3,109	2,704	2,951	2,919	2,820	2,607	2,408
Other materials and supplies and intermediate products	10,657	11,604	11,772	12,102	12,138	12,596	10,978	12,661	12,472	12,926	12,707	13,334
UNFILLED ORDERS												
All manufacturing industries, total,	45,645	45,727	45,649	45,788	45,894	46,103	46,871	47,260	47,155	47,068	47,331	47,868
Durable goods industries	42,995	42,985	42,843	42,810	42,694	42,856	43,640	44,131	44,054	43,942	44,157	44,818
Nondurable goods industries	2,650	2,742	2,806	2,978	3,200	3,247	3,231	3,129	3,101	3,126	3,174	3,050
Market categories: Home goods, apparel and consumer							1					
staples	1,804	1,726	1,677	1,765	1,919	1,988	2,077	1,943	1,954	1,983	2,041	1,942
Consumer durables	1,091	1,04	1,052	1,084	1,115	1,149	1,099	1,307	1,380	1,346	1,331	1,254
Equipment and defense products, including automotive	24,502	24,646	24,355	24,228	23,959	24,100	24,564	24,669	24,840	24,687	24,769	24,468
Defense products2	19,288	19,326	18,843	18,670	18,401	18,382	18,492	18,590	18,675	18,639	18,433	18,525
Construction materials, supplies, and	4,450	4,495	4,627	4,667	4,733	4,769	4,823	4,815	4,828	4,780	4,738	4,650
intermediate products		1					1			,	1	,
intermediate products	14,889	14,860	14,990	15,128	15,283	15,246	15,407	15,833	15,533	15,618	15,783	16,808
INVENTORIES												
All manufacturing industries, total.	53,787	53,985	53,727	53,708	53,784	53,696	53,325	53,675	53,657	54,082	54,439	54,776
Durable goods industries Nondurable goods industries	31,964 21,823	32,117	31,905	31,751	31,847	31,702	31,409 21,916	31,613	31,641 22,016	31,896	32,065	32,231 22,545
Market categories:			1				1					
Home goods and apparel	5,291	5,326	5,293	5,424	5,598	5,681	5,602	5,401	5,201	5,144	5,127	5,208
Consumer durables	2,48 ² 8,987	2,524 8,873	2,503 8,743	2,541 8,725	2,560 8,602	2,547 8,590	2,516 8,582	2,441 8,969	2,383 9,186	2,384	2,377 9,494	7,437 9,602
Equipment and defense products, except												
automotive	10,675	10,766	10,796	10,820	10,848	10,760	10,610	10,555	10,496	10,575 4,882	10,635	10,690
Defense products ²	4,951 2,805	5,018 2,748	5,040 2,622	5,026 2,537	2,527	2,447	4,878	4,879 2,640	4,841 2,726	2,758	4,889 2,738	4,847 2,755
Construction materials, supplies, and			5,086	5,039	5,051	5,057	5,031	5,009				
intermediate products Other materials and supplies and	4,968	5,064			. ,		1	1	5,015	4,952	4,929	4,925
intermediate products	21,061	21,208	21,187	21,163	21,158	21,161	21,170	21,101	21,033	21,260	21,516	21,596
						222-2 0-2						

¹Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month,
2The defense equipment consists of the following categories: communication equipment, sireraft and parts, and ordnamee. The sireraft parts
component is classified in the market category, "Duter materials and supplies and intermediate products," while the other series are classified in the
market category, "Equipment and defense products, except automotive,"

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

(Millions of dollars)

			(Milli	ons of do	llars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASUNALLY	ADJUSTE	1				
1960												
SHI PMENTS								ĺ				
All manufacturing industries, total.	31,885	31,451	31,246	31,146	30,772	30,850	30,866	30,268	30,714	30,324	29,796	30,116
Durable goods industries	16,855	16,619	16,339	16,052	15,957 14,815	15,835	15,850	15,367	15,587	15,257	14,921	15,123
Nondurable goods industries	15,030	14,832	14,907	. 15, 094	14,815	15,015	15,016	14,901	15,127	15,067	14,875	14,993
Market categories: Home goods and apparel	2,977	2,995	2,995	3,083	2,902	2,936	2,994	3,042	3,112	3,039	3,043	2,953
Consumer durables	1,228	1,221	1,197	1,197	1,159	1,205	1,232	1,225	1,248	1,205	1,213	1,162
Consumer staples Equipment and defense products, except	6,558	6,408	6,509	6,540	6,440	6,576	6,634	6,543	6,659	6,705	6,576	6,639
automotive	3,792	3,714	3,762	3,820	3,847	3,845	3,894	3,674	3,761	3,679	3,690	3,770
Defense products ² Automotive equipment	1,842 3,169	1,800	1,864 3,029	1,829 2,988	1,:828 2,946	1,818 2,915	1,778 2,904	1,732 2,933	1,820	1,745 2,874	1,894 2,581	1,950 2,521
Construction materials, supplies, and		2,815	2,643	2,677	2,698	2,731	2,714	2,617	2,669	2,619	2,532	2,657
Other materials and supplies and	2,773						1					
intermediate products	12,616	12,296	12,308	12,038	11,930	11,847	11,726	11,459	11,640	11,408	11,374	11,576
NEW ORDERS												
All manufacturing industries, total.	30,723	30,256	29,998	29,863	30,046	30,325	30,124	30,455	30,798	29,593	29,460	29,724
Durable goods industries	15,680 15,043	15,521 14,735	15,266 14,732	14,922	15,362 14,684	15,432	15,246 14,878	15,652 14,803	15,693 15,105	14,498	14,622 14,838	14,857 14,867
Market categories:	0.010	0.000	2,898	3,027	0.005	2,872	0.000	7 010	7 055	3,045	7 000	0.010
Home goods and apparel	2,948 1,204	2,970 1,209	1,159	1,179	2,907	1,196	2,972	3,047 1,250	3,055	1,212	3,002 1,186	2,910
Consumer staples	6,558	6,406	6,502	6,531	6,440	6,584	6,622	6,517	6,659	6,727	6,574	6,649
Equipment and defense products, except automotive	3,457	3,369	3,932	3,616	3,901	4,036	3,855	3,709	3,810	3,367	3,541	3,706
Defense products ²	1,499	1,486	2,189	1,548	1,935	2,082	1,947	2,111	2,272	1,357	1,980	1,664
Automotive equipment	3,107	3,131	2,895	3,001	2,878	2,774	2,844	2,987	2,821	2,806	2,509	2,469
intermediate products	2,826	2,968	2,579	2,672	2,652	2,658	2,617	2,648	2,615	2,553	2,500	2,699
intermediate products	11,827	11,412	11,192	11,016	11,268	11,401	11,214	11,547	11,838	11,095	11,334	11,291
UNFILLED ORDERS												
All manufacturing industries, total.	53,100	51,969	50,404	49,301	48,407	47,910	47,263	47,426	47,558	46,810	46,452	46,133
Durable goods industries	49,252	48,246	46,874	45,927	45,164	44,743	44,184	44,510	44,645	43,892	43,588	43,401
Nondurable goods industries	3,848	3,723	3,530	3,374	3,243	3,167	3,079	2,916	2,913	2,918	2,864	2,732
Home goods, apparel and consumer staples.	2,245	2,214	2,108	2,038	2,043	1,989	1 000	3 003	1,878	1 036	1,865	2 070
Consumer durables	1,227	1,205	1,179	1,152	1,159	1,159	1,978	1,921	1,156	1,916	1,142	1,838
Equipment and defense products,									ĺ	1		
including automotive Defense products ²	26,130	25,775 18,876	25,685	25,472 18,807	25,293 18,798	25,295	25,217	25,344	25,394	25,031	24,824	24,798
Construction materials, supplies, and				1	10,190		19,091	19,497	19,970	19,607	19,639	19,464
Other materials and supplies and	4,795	4,899	4,852	4,807	4,755	4,680	4,588	4,615	4,590	4,537	4,489	4,517
intermediate products	19,930	19,081	17,759	16,984	16,316	15,946	15,480	15,546	15,696	15,326	15,274	14,980
INVENTORIES												
All manufacturing industries, total.	53,149	53,569	53,911	54,137	54,344	54,407	54,436	54,427	54,589	54,400	54,263	53,814
Durable goods industries	32,189 20,960	32,566	32,914 20,997	33,028 21,109	33,047 21,297	33,072 21,335	33,024	32,977 21,450	33,034 21,555	32,891 21,509	32,790 21,473	32,360 21,454
Market categories:	1									1		
Home goods and apparel	5,366 2,497	5,471	5,536 2,610	5,537	5,556	5,603	5,611	5,598	5,531	5,463	5,441	4,446
Consumer staples	8,494	2,553 8,477	8,450	2,645 8,505	2,675 8,615	2,679 8,602	2,655 8,623	2,619 8,565	2,597 8,689	2,581 8,714	2,562 8,644	2,562 8,655
Equipment and defense products, except automotive	11,001	11,101	11,200	11,192	11,125	11,089	10,993	10,956	11,006	10,967	10,965	10,853
Defense products ²	5,055	5,058	5,068	5,027	4,982	4,941	4,861	4,872	4,920	4,948	4,966	4,930
Automotive equipment	2,888	2,928	2,965	2,936	2,923	2,927	2,985	2,954	2,944	2,871	2,829	2,761
intermediate products	5,040	5,055	5,078	5,101	5,107	5,084	5,097	5,108	5,137	5,202	5,178	5,063
Other materials and supplies and intermediate products	20,360	20,537	20,682	20,866	21,018	21,102	21,127	21,246	21,282	21,183	21,206	21,036
lentements and new orders addition to the	-											

¹⁶hipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, sircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Chier materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

able 6Manufacturers Shipmen				ons of do								
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
1960												
SHIPMENTS												
All manufacturing industries, total.	29,996	32,133	31,967	31,762	30,700	32,111	28,199	29,713	31,937	31,820	30,289	28,928
Durable goods industries	15,702 14,294	16,909 15,224	16,826 15,141	16,649 15,113	16,251 14,449	16,948 15,163	14,168	14,525 15,188	15,893 16,044	15,857 15,963	15,232 15,057	14,84 14,08
Market categories: Home goods and apparel	2,651	3,204	3,162	2,997	2,531	2,748	2,650	3,420	3,571	3,468	3,216	2,55
Consumer durables	1,120	1,268	1,214	1,156	1,093	1,221	1,043	1,280	1,433	1,349	1,283	1,05
Consumer staples	6,243	6,482	6,500	6,459	6,399	6,748	6,372	6,506	7,071	7,037	6,636	6,34
automotive	3,403	3,855	3,942	3,976	3,886	4,162	3,503	3,498	3,860	3,666	3,648	3,85
Defense products ²	1,675 3,196	1,894 3,354	1,915 3,185	1,852 3,201	1,818	1,931 3,072	1,616 2,490	1,616 2,172	1,874 2,513	1,750 3,052	1,922 2,900	2,67
Automotive equipment Construction materials, supplies, and						1					1	
intermediate products	2,332	2,548	2,545	2,773	2,832	3,046 12,335	2,685	2,826	2,890	2,812	2,480	2,39
NEW ORDERS	20,2/2	20,000	22,000	11,550	12,,,,,	12,555	20,000	11,1272	J.,		,	/-
All manufacturing industries, total.	29,232	31,065	30,744	30,067	29,720	31,746	27,891	29,851	31,874	30,702	29,825	28,66
Durable goods industries	14,896	15,908 15,157	15,755	15,053 15,014	15,259	16,663 15,083	13,998	14,903	15,932 15,942	14,758	14,780	14,76
Market categories:											3,181	
Home goods and apparel	2,624	3,162 1,262	3,042	2,975	2,672 1,122	2,751	2,682 1,155	3,331 1,309	3,465 1,382	3,431 1,301	1,204	2,44
Consumer staples	6,249	6,483	6,505	6,452	6,381	6,744	6,360	6,495	7,067	7,053	6,645	6,34
Equipment and defense products, except automotive.	3,070	3,492	4,168	3,688	3,721	4,585	3,657	3,520	3,984	3,237	3,420	3,83
Defense products2	1,224	1,463	2,213	1,469	1,712	2,479	1,701	1,994	2,441	1,348	1,971	2,08
Automotive equipment	3,207	3,266	2,970	3,103	2,915	2,888	2,481	2,270	2,512	2,995	2,862	2,65
Construction materials, supplies, and intermediate products	2,498	2,747	2,560	2,740	2,795	2,939	2,610	2,825	2,800	2,664	2,382	2,37
intermediate products	11,584	11,915	11,499	11,109	11,236	11,839	10,101	11,410	12,046	11,322	11,335	11,01
UNFILLED ORDERS												
All manufacturing industries, total.	53,162	52,185	50,961	49,304	48,301	47,909	47,620	47,758	47,689	46,568	46,163	45,82
Durable goods industries Nondurable goods industries	49,439 3,723	48,528 3,657	47,461 3,500	45,900 3,404	44,885 3,416	44,572 3,337	44,422 3,198	44,807 2,951	44,840 2,849	43,737 2,831	43,344 2,819	43,18° 2,63
Market categories: Home goods, apparel and consumer												
staples	2,166	2,127	2,009	1,983	2,107	2,107	2,127	2,022	1,911	1,891	1,865	1,75
Consumer durables Equipment and defense products,	1,164	1,159	1,124	1,101	1,129	1,161	1,273	1,301	1,249	1,201	1,122	1,07
including automotive	26,120	25,688	25,698	25,323	24,991	25,227	25,370	25,492	25,613	25,128	24,862	24,81
Defense products ²	19,098	18,686	18,995	18,622	18,514	19,059	19,144	19,535	20,100	19,699	19,749	19,77
Construction materials, supplies, and intermediate products	4,734	4,925	4,938	4,896	4,860	4,753	4,679	4,677	4,587	4,440	4,342	4,31
Other materials and supplies and intermediate products	20,142	19,445	18,316	17,102	16,343	15,822	15,444	15,567	15,578	15,109	15,094	14,92
INVENTORIES												
All manufacturing industries, total.	53,243	53,848	54,234	54,445	54,729	54,719	54,226	54,151	54,275	54,148	53,960	53,51
Durable goods industries	32,074 21,169	32,724 21,124	33,280 20,954	33,416 21,029	33,513 21,216	33,376 21,343	32,931 21,295	32,731 21,420	32,811 21,464	32,646 21,502	32,464 21,496	31,95
Market categories: Home goods and apparel	5,239	5,413	5,522	5,631	5,839	6,000	5,904	5,674	5,413	5,215	5.148	5,19
Consumer durables	2,435	2,538	2,41	2,726	2,7 7	2,7~3	2,72"	2,017	2,555	2,496	2,460	2,40
Consumer staples	8,740	8,552	8,332	8,310	8,301	8,277	8,272	8,505	8,816	9,017	8,960	8,98
Equipment and defense products, except automotive	10,932	11,154	11,389	11,404	11,348	11,261	10,994	10,870	10,845	10,813	10,799	10,649
Defense products2,	5,038	5,054	5,131	5,106	5,049	5,008	4,833	4,831	4,891	4,928	4,922	4,84
Automotive equipment	2,977	3,037 5,085	3,031 5,169	2,934 5,196	2,870	2,802 5,171	2,753 5,147	2,829	3,016 5,086	2,967 5,106	2,890	2,79; 4,95
intermediate products Other materials and supplies and intermediate products	5,003	20,607	20,791	20,970	21,160	21,208	21,156	21,201	21,099	21,030	21,097	20,94
The state of the s				L		h	L				-	

Thispents and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defence equipment consists of the following entegories: communication equipment, aircraft and parts, and ordnamee. The aircraft parts communication equipment, aircraft and parts, and ordnamee. The aircraft parts are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(MITTI	ons of do	ollars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					s	EASONALLY	ADJUSTED	1				
<u>1959</u>												
SHIP-ENTS												
All manufecturing industries, total.	29,158	29,925	30,16	31,163	31,713	31,466	31,114	29,302	29,224	29,228	29,054	31,046
Purable goods industries	14,000 14,295	15,536 14,389	15,755 14,4-5	16,397 14,760	16,695 15,02	16,739 14,727	16,195 14,919	14,618 14,684	14,444 14,780	14,589 14,639	14,400	10,184 14,862
Merket categories: Home goods and apparel. Consumer staples. Equipment and defense products, except automotive.	2,943 0,226 3,465	2,998 6,213 3,570	2,964 6,208 3,488	3,116 6,293 3,564	3,186 6,467 3,667	3,137 6,310 3,661	3,176 6,322 3,844	2,966 6,346 3,769	2,958 6,352 3,716	2,906 6,434 3,764	2,775 6,457 3,716	2,923 6,480 3,757
Defense products2	1,693	1,773	1,645	1.746	1,786	1,765	1,913	1,927	1,860	1,898	1,883	1,819
Automotive equipment	2,570	2,061	2,725	2,852	2,800	2,854	3,000	2, 31	2,510	2,609	1,095	2,+07
Construction materials, supplies, and intermediate products	2,641	2,690	2,775	2,825	2,816	2,779	2,823	2,745	2,736	2,692	2,612	2,729
intermediate products	11,513	11,793	12,000	12,513	12,777	12,725	11,889	10,855	10,944	10,763	11,601	12,090
All manufacturing industries, total.	44,658	31,407	31,502	31,879	31,435	31,404	30,982	29,334	30,011	30,153	29,257	30,847
Durable goods industries	15,522 14,316	16,595 14,512	10,981 14,521	17,0-0 14,799	16,302 15,133	16,723 14,681	16,081 14,901	14,615 14,719	15,251 14,760	15,482 14,676	14,573 14,684	15,764 15,333
Market categories: Home goods and apparel	2,950 6,260	3,037 6,242	3,060 6,212	3,124 6,285	3,172	3,158 6,326	3,158 6,321	2,998 6,365	2,948	2,904	2,735	2,955 6,490
Equipment and defense products, except automotive.	3,503	3,420	3,82"	3,872	3,612	3,840	3,699	3,52	3,720	3,918	3,627	3,670
Defense products ²	1,507	1,35-	1,741	2,074	1,772	1,968	1,658	1,536	1,716	1,979	1,744	1,570
Automotive equipment	2,507	2,347	2,975	2,994	2,810	2,889	3,154	2,577	2,513	2,609	1,865	2,421
intermediate products Other materials and supplies and	2,681	2,853	2,809	2,363	2,799	2,772	2,901	2,692	2,633	2,717	2,706	2,764
intermediate products	11,857	13,000	12,019	12,741	12,372	12,419	11,749	11,174	11,850	11,545	11,826	12,544
UNFILLED ORDERS												
All manufacturing industries, total.	49,802	51,36	52,327	53,109	52,765	52,664	52,526	52,515	53,425	54,551	54,559	54,494
Durable goods industries	46,60) 3,193	3,326	3,463	49,624 3,435	49,163 3,582	49,09.1 3,574	48,95° 3,509	48,063 0,552	49,860 3,565	50,961 3,590	50,955	50,054 3,340
Market categories: Home goods, apparel and consumer												
staples. Equipment and defense products, including automotive	1,937 25,493	2,000	2,113	2,115	2,101	2,130	2,143	2,175	2,200	2,253	2,238 26,337	2,332
Defense products ²	25,495	2-,11-	19,955	20,284	2.,22.	2-,37-	21,092	19,733	19,665	19,751	19,439	19,207
Construction materials, supplies, and intermediate products	4,477	4,512	4,623	4,643	4,031	4,647	4,702	4,655	4,577	4,617	4,633	4,732
Other materials and supplies and intermediate products	17,895	19,102	19,515	19,669	19,5-5	19,151	10,002	1,236	20,197	21,156	21,291	21,090
INVENTORIES	-1,7-55	,	,,				- /-		,_,			
All manufacturing industries, total.	50,120	50,342	5-,677	51,107	51,540	51,96~	52,230	51,942	51,781	51,520	51,7::	52,7-1
Durable goods industries Nondurable goods industries	30,191 19,935	30,334 20,000	30,630 20,047	30,954 20,153	31,274 20,206	31,615 2-,352	31,12 6-,4c	31,504 20,435	31,233 20,548	30,826 20,694	31,044	31,550 27,555
Harket categories: Home goods and apperel. Consumer steplem Equipment and defense products, except	4,_13 =,210	4,-30	4,573 5,305	4,956 8,354	5,334 8,3-7	5, 94 8,355	5,1 y 5,421	5,1+4 8,354	5,217 8,412	5,271 0,414	5,26 8,405	5,33-
automotive Defense products ²	1,400 5,302	1-,3∞ 5,24-	1=,406 5,249	10,490 5,239	10,569 5,233	10,691 5,259	5,268	10,790 5,221	10,789 5,109	10,501	10,760 5,. 1	1.,555 5,0%
Automotive equipment	2,360	2,42	2,5 7	2,610	2,695	2,84	2,691	2,735	2,797	2,571	2,007	2, 59
Construction materials, supplies, and intermediate products	4,757	4,777	4,818	4,870	4,934	5,017	5,094	5,343	4,907	4,822	4, 71	4,957
intermediate products	19,58	19,650	19,76c	19,327	19,921	19,933	19,946	19,790	19,059	19,641	19,745	2.,20t

18hipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, sirogait and parts, and ordnance. The sirogait parts component is 'lassified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

	(Millions of dollars)											
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHC	UT SEASON	AL ADJUST	MENT ¹				
1959			1							l	Ι	
SHIPMENTS												
All manufacturing industries, total.	27,639	30,692	30,885	31,772	31,525	32,675	28,356	28,844	30,435	30,701	29,398	29,701
Durable goods industries Nondurable goods industries	13,992 13,647	15,893 14,799	16,267 14,618	16,976 14,796	16,902 14,623	17,869 14,806	14,449	13,889 14,955	14,780 15,655	15,218 15,483	14,558 14,840	15,746 13,955
Market entegories: Home goods and apparel. Consumer staplee. Equipment and defense products, except automotive.	2,659 5,926 3,135	3,232 6,287 3,718	3,143 6,184 3,657	3,029 6,223 3,719	2,776 6,421 3,707	2,916 6,463 3,950	2,793 6,073 3,463	3,308 6,316 3,576	3,396 6,751 3,812	3,301 6,740 3,764	2,915 6,525 3,667	2,532 6,193 3,826
Defense producta2	1,548	1,865	1,679	1,760	1,784	1,879	1,746	1,789	1,913	1,916	1,909	1,909
Automotive equipment Construction materials, supplies, and	2,703	2,793	2,879	3,025	2,878	2,958	2,611	2,004	2,196	2,856	2,081	2,608
intermediate products	2,274	2,481	2,695	2,922	2,932	3,081	2,775	2,953	2,954	2,883	2,555	2,429
intermediate products	10,942	12,181	12,327	12,854	12,811	13,307	10,641	10,687	11,326	11,157	11,655	12,113
All manufacturing industries, total.	28,654	32,534	32,313	31,894	30,982	32,802	28,605	28,799	31,021	31,192	29,529	29,742
Durable goods industries	14,970	17,577	17,561	17,030	16,093	17,961	14,723	13,964	15,485	15,734	14,628	15,650
Nondurable goods industries	13,684	14,957	14,752	14,864	14,889	14,841	13,882	14,835	15,536	15,458	14,901	14,092
Market categories: Home goods and apparel	2,659 5,967	3,246 6,319	3,213 6,201	3,055 6,214	2,904 6,410	3,038 6,470	2,845 6,074	3,253 6,348	3,342 6,737	3,242 6,766	2,934 6,524	2,491 6,195
automotive Defense products ²	3,115 1,251	3,548 1,333	4,025 1,757	3,932 1,967	3,626 1,566	4,429 2,399	3,484	3,322 1,394	3,819	3,754	3,535 1,728	3,819
Automotive equipment	2,801	2,998	3,051	3,039	2,781	2,936	1,410 2,734	2,004	2,258	1,954 2,812	2,106	2,591
Construction materials, supplies, and intermediate products	2,388	2,686	2,798	2,930	2,930	3,049	2,881	2,868	2,814	2,832	2,581	2,438
Other materials and supplies and intermediate products	11,724	13,737	13,025	12,724	12,331	12,880	10,587	11,004	12,051	11,786	11,849	12,208
UNFILLED ORDERS												
All manufacturing industries, total.	49,810	51,499	52,950	53,076	52,533	52,612	52,869	52,823	53,405	53,913	54,044	54,101
Durable goods industries	46,697 3,113	48,241 3,258	49,555 3,395	49,612 3,464	48,805 3,728	48,850 3,762	49,132 3,737	49,206 3,617	49,907 3,498	50,442 3,471	50,514 3,530	50,428 3,673
Market categories:											ĺ	
Home goods, apparel and consumer staples	1,872	1,913	2,001	2,024	2,142	2,271	2,328	2,304	2,237	2,203	2,215	2,177
Equipment and defense products, including automotive	25,550	25,581	26,132	26,358	26,181	26,636	26,784	26,531	26,601	26,544	26,439	26,413
Defense products ² Construction materials, supplies, and	20,394	19,904	19,984	20,190	19,973	20,492	20,144	19,751	19,673	19,711	19,535	19,616
intermediate products	4,419	4,608	4,713	4,721	4,719	4,687	4,796	4,711	4,571	4,520	4,545	4,554
intermediate producta	17,969	19,397	20,104	19,973	19,491	19,018	18,961	19,277	19,996	20,646	20,845	20,957
INVENTORIES												
All manufacturing industries, total.	50,242	50,558	50,941	51,325	51,811	52,260	52,033	51,638	51,419	51,244	51,521	52,497
Durable goods industries Nondurable goods industries	30,101 20,141	30,439 20,119	30,931 20,010	31,287 20,038	31,680 20,131	31,942 20,318	31,743 20,290	31,238 20,400	30,956 20,463	30,569 20,675	30,730 20,791	31,495 21,002
Market categories: Home goods and apparel	4,695 8,444	4,776 8,344	4,858 8,203	5,037 8,152	5,284 8,045	5,464 8,035	5,362 8,087	5,210 8,344	5,113 8,533	5,037 8,697	4,977 8,781	5,084 8,775
automotive	10,334 5,278	10,406 5,208	10,553	10,671	10,762	10,874	10,803	10,720 5,189	10,644 5,172	10,636 5,109	10,574 5,013	10,701 5,012
Defense products ²	2,446	2,521	2,573	2,40	2,642	2,719	2,669	2,625	2,815	2,672	2,743	2,914
Construction materials, supplies, and intermediate products	4,726	4,810	4,907	4,973	5,041	5,122	5,143	4,991	4,825	4,716	4,767	4,872
Other materials and supplies and intermediate products	19,597	19,701	19,847	19,872	20,037	20,046	19,969	19,748	19,489	19,486	19,679	20,151

1Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month,
2The defense equipment consists of the following estepories: communication equipment, aircraft and parts, and ordnames. The aircraft parts
component is classified in the market category, "Other asterials and supplies and intermediate products," while the other series are classified in the
market category, "Equipment and defense products, except authorative."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(Milli	ons of do	llars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SI	EASONALLY	ADJUSTED	1				
1958												
SHIPMENTS												
All manufacturing industries, total.	27,117	20,670	26,163	25,959	26,337	26,951	27,099	27,473	27,748	28,307	28,662	28,697
Durable goods industries	13,830 13,287	13,311 13,359	12,991 13,272	12,629	12,737	13,214 13,737	13,208 13,891	13,447	13,937	14,321 13,985	14,551	14,606
Market categories: Home goods and apparel. Consumer staples. Equipment and defense products, except automotive.	2,679 5,895 3,504	2,635 6,008 3,451	2,611 6,050 3,423	2,606 6,070 3,373	2,647 6,230 3,314	2,715 6,224 3,363	.2,802 6,188 3,330	2,780 6,283 3,406	2,823 6,094 3,400	2,792 6,167 3,404	2,850 6,281 3,450	2,952 6,118 3,385
Defense products2	1,790	1,818	1,770	1,740	1,744	1,721	1,754	1,783	1,761	1,778	1,770	1,714
Automotive equipment	2,245	2,084	1,924	1,849	1,904	1,938	1,941	1,781	2,002	2,269	2,393	2,536
Construction materials, supplies, and intermediate products	2,418	2,329	2,257	2,286	2,343	2,410	2,463	2,541	2,635	2,591	2,591	2,548
intermediate products	10,376	10,163	9,898	9,775	9,899	10,301	10,375	10,682	10,794	11,084	11,097	11,158
All manufacturing industries, total.	24,850	24,909	25,890	25,365	26,041	26,870	27,338	27,492	27,472	28,739	29,598	28,764
Durable goods industriea Nondurable goods industries	11,618 13,232	11,672	12,663 13,227	11,694 13,371	12,444 13,597	13,129 13,741	13,403 13,935	13,316 14,176	13,643 13,829	14,627 14,112	15,365 14,233	14,624 14,140
Market categories: Home goods and apparel Consumer staples. Equipment and defense products, except	2,586 5,904	2,620 5,991	2,540 6,069	2,620 6,.72	2,666 6,235	2,749 6,206	2,818 6,173	2,777 6,303	2,856 6,096	2,828 6,160	2,911 6,287	3,027 6,116
automotive	2,780	2,859	3,549	2,997	3,039	3,254	3,215	3,306	3,126	3,504	3,740	3,251
Defense products2	1,065	1,307	2,591	1,349	1,557	1,816	1,979	1,546	1,101	1,794	2,167	1,331
Automotive equipment	2,109	1,892	1,749	1,771	1,919	1,932	1,935	1,849	2,008	2,331	2,349	2,559
Construction materials, supplies, and intermediate products Other materials and supplies and	2,273	2,184	2,120	2,266	2,345	2,397	2,529	2,532	2,655	2,603	2,649	2,610
intermediate products	9,198	9,383	9,863	9,339	9,767	10,332	10,668	10,725	10,751	11,313	11,662	11,201
All manufacturing industries, total,	51,126	49,628	48,921	48,173	47,854	47,804	47,934	47,831	47,634	48,141	48,871	48,882
Durable goods industries	46,325	46,924	46,254	45,462	45,135	45,047	45,148	44,945	44,715	45,114 3,027	45,752	45,739 3,143
Nondurable goods industries Market categories:	2,801	2,704	2,667	2,711	2,719	2,757	2,796	2,886	2,919	5,027	3,119	2,142
Home goods, apparel and consumer staples	1,700	1,666	1,603	1,611	1,670	1,700	1,726	1,739	1,752	1,814	1,862	1,913
Equipment and defense products, including automotive	27,121	26,553	26,313	25,911	25,636	25,544	25,453	25,333	25,125	25,232	25,424	25,305
Defense products ²	21,387	21,182	21,676	21,379	21,196	21,244	21,412	21,069	20,561	20,641	20,758	20,320
Construction materials, supplies, and intermediate products	. 4,556	4,391	4,243	4,209	4,205	4,215	4,256	4,266	4,301	4,322	4,378	4,443
Other materials and supplies and intermediate products.	17,749	17,018	16,762	16,442	16,345	16,345	16,499	16,493	16,426	16,723	17,207	17,221
INVENTORIES												
All manufacturing industries, total.	51,554	51,226	50,842	50,447	49,878	49,590	49,388	49,262	49,404	49,548	49,722	50,070
Durable goods industries Nondurable goods industries	31,440 20,114	31,154 20,072	30,786 20,056	30,476 19,971	30,015 19,863	29,818 19,772	29,728 19,660	29,602 19,660	29,726 19,678	29,744 19,804	29,832	30,095 19,975
Market categories: Home goods and apparel. Consumer staples. Equipment and defense products, except	5,058 7,965	5,026 7,972 10,876	4,982 7,994 10,726	4,943 7,982	4,913 7,974 10,458	4,865 7,969 10,390	4,840 7,965 10,348	4,817 7,984 10,309	4,769 8,022 10,250	4,800 8,095 10,301	4,837 8,106 10,316	4,838 8,200
automotive Defense products ²	10,991 5,510	5,433	5,334	5,252	5,223	5,222	5,234	5,200	5,187	5,212	5,244	5,301
Automotive equipment	2,534	2,476	2,437	2,357	2,295	2,281	2,264	2,293	2,494	2,344	2,349	2,380
Construction materials, supplies, and intermediate products	4,923	4,889	4,805	4,769	4,718	4,728	4,703	4,672	4,671	4,704	4,719	4,741
intermediate products	20,083	19,987	19,898	19,845	19,520	19,357	19,268	19,187	19,198	19,304	19,395	19,517

'Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

'The defense equipment consists of the following categories: communication equipment, sircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Dither materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(Milli	ons of do	llars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITH	OUT SEASON	VAL ADJUS	IMENT ¹				
1958												
SHIPMENTS						ĺ						
All manufacturing industries, total.	25,753	27,461	26,783	26,391	26,071	27,864	24,897	27,365	28,788	29,274	29,071	27,638
Durable goods industries Nondurable goods industries	13,033 12,720	13,700 13,761	13,315 13,468	13,053 13,338	12,834 13,237	14,099 13,765	11,924 12,973	13,100 14,265	14,163 14,625	14,491 14,783	14,763 14,308	14,380 13,258
Market categories: Home gooda and apparel	2,453 5,615 3,183	2,860 6,080 3,592	2,785 6,021	2,546 5,994 3,512	2,303 6,183 3,346	2,499 6,361 3,616	2,453 5,954 2,993	3,100 6,253 3,228	3,240 6,468 3,488	3,155 6,456 3,421	2,970 6,347 3,408	2,558 5,860 3,438
Defense products2	1,643	1,908	1,798	1,745	1,743	1,835	1,601	1,660	1,813	1,810	1,795	1,788
Automotive equipment	2,341	2,244	2,042	1,972	1,943	2,010	1,780	1,588	1,620	2,002	2,657	2,810
intermediate products	2,118	2,187	2,214	2,363	2,419 9,877	2,655	2,399 9,312	2,716 10,480	2,840 11,132	2,771	2,534	2,258
NEW ORDERS	10,043	20,490	10,136	20,004	7,017	20,723	7,012	10,400	11,102	11,707	11,100	20,724
All manufacturing industries, total.	23,895	25,734	26,426	25,106	25,534	28,090	25,382	27,269	28,250	29,242	30,040	27,872
Durable goods industries	11.212	12.075	12,986	11,716	12,186	14,210	12,373	12,988	13,713	14.400	15,585	14,606
Nondurable goods industries	12,683	13,659	13,440	13,390	13,348	13,880	13,009	14,281	14,537	14,842	14,455	13,266
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	2,360 5,634	2,814 6,069	2,693 6,054	2,562 5,992	2,445 6,172	2,645 6,338	2,524 5,947	3,025 6,285	3,212 6,455	3,129 6,442	3,038 6,362	2,554 5,851
automotive	2,550	2,938	3,672	3,058	2,926	3,798	3,000	3,070	3,168	3,379	3,699	3,346
Defense products2	948	1,368	2,562	1,292	1,376	2,233	1,650	1,316	1,183	1,792	2,161	1,699
Automotive equipment	2,272	2,045	1,815	1,798	1,868	1,955	1,805	1,680	1,688	2,084	2,686	2,862
intermediate products Other materials and supplies and	2,034	2,076	2,125	2,312	2,429	2,614	2,499	2,695	2,836	2,713	2,533	2,315
intermediate products	9,045	9,792	10,067	9,384	9,694	10,740	9,607	10,514	10,891	11,495	11,722	10,944
UNFILLED ORDERS												
All manufacturing industries, total.	51,322	49,732	49,375	48,097	47,548	47,819	48,274	48,183	47,652	47,611	48,551	48,785
Durable goods industries Nondurable goods industries	48,574 2,748	47,079 2,653	46,750 2,625	45,420 2,677	44,759 2,789	44,917 2,902	45,334 2,940	45,227 2,956	44,784 2,868	44,684 2,927	45,482 3,069	45,709 3,076
Market categories: Home goods, apparel and consumer												
ataples	1,663	1,608	1,546	1,560	1,692	1,513	1,882	1,842	1,806	1,766	1,850	1,832
including automotive	27,373	26,590	26,453	25,829	25,326	25,450	25,478	25,414	25,163	25,198	25,512	25,470
Defense products ²	21,543	21,047	21,809	21,358	20,985	21,374	21,424	21,083	20,456	20,431	20,788	20,696
intermediate products	4,501	4,400	4,311	4,260	4,270	4,230	4,333	4,312	4,308	4,246	4,245	4,304
Other materials and supplies and intermediate products	17,785	17,134	17,065	16,448	16,260	16,326	16,581	16,615	16,375	16,401	16,944	17,179
INVENTORIES												
All manufacturing industries, total.	51,699	51,438	51,105	50,612	50,122	49,860	49,242	48,921	49,011	49,293	49,554	50,013
Durable goods industries	31,382 20,317	31,256 20,182	31,063 20,042	30,762 19,850	30,380 19,742	30,087 19,773	29,677 19,565	29,289 19,632	29,423 19,588	29,520 19,773	29,612 19,942	29,893 20,120
Market categories: Home goods and apparel	4,936 8,193	4,957 8,053	4,965 7,921	5,021 7,791	5,148 7,655	5,215 7,667	5,070 7,690	4,890 7,952	4,687 8,110	4,587 8,350	4,579 8,409	4,615 8,476
automotive	10,922	10,880	10,845	10,709	10,645	10,559	10,376	10,238	10,142	10,155	10,157	10,242
Defense products ²	5,467	5,373	5,351 2,519	5,329 2,379	5,304 2,252	5,295 2,182	5,236 2,097	5,177 2,119	5,196 2,444	5,175 2,445	5,169	5,243
Automotive equipment	2,643 4,896	2,586 4,938	4,907	4,886	4,818	4,834	4,751	4,600	4,562	4,582	4,618	4,678
intermediate products	20.109	20,024	19,948	19,826	19,604	19,403	19,258	19,122	19,066	19,174	19,351	19,548
intermediate products	20,109	20,024	27,7740		+1001 100	L		nuontonio				

*Chipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month,

"The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts
component is classified in the market category, "Other materials and aupplies and intermediate products," while the other series are classified in the
market category, "Riquipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(LITTI	ons or do.	ITHLS)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED	L				
1957												
SHIPMENTS												
All manufacturing industries, total.	29,268	29,487	29,292	28,723	28,638	28,769	28,824	29,292	28,591	28,455	28,193	27,231
Durable goods industries Nondurable goods industries	15,678 13,590	15,755 13,732	15,595 13,697	15,318 13,405	15,188 13,450	15,323	15,252 13,572	15,623 13,669	15,175 13,416	15,069 13,386	14,800 13,393	14,047
Market categories: Home goods and apparel	2,686 5,799 3,628	2,861 5,796 3,645	2,856 5,791 3,620	2,825 5,630 3,602	2,812 5,683 3,646	2,915 5,691 3,690	2,883 5,736 3,676	2,890 5,756 3,749	2,863 5,676 3,669	2,800 5,683 3,732	2,790 5,831 3,633	2,678 5,824 3,530
Defense products ²	1,761	. 1,755	1,767	1,760	1,856	1,929	1,944	1,938	1,856	1,956	1,834	1,876
Automotive equipment	2,796	2,812	2,774	2,692	2,636	2,536	2,681	2,893	2,812	2,574	2,509	2,280
Construction materials, supplies, and intermediate products Other materials and supplies and	2,553	2,576	2,532	2,466	2,496	2,494	2,428	2,466	2,412	2,450	2,422	2,352
intermediate products	11,806	11,797	11,719	11,508	11,365	11,443	11,420	11,538	11,159	11,216	11,008	10,567
All manufacturing industries, total,	.28,551	29,281	28,737	27,596	28,020	27,679	26,949	27,699	26,970	26,235	26,935	25,726
Dursble goods industries	15,163 13,388	15,641	15,143	14,106 13,490	14,579 13,441	14,227 13,452	13,433 13,516	14,034 13,665	13,640 13,330	12,963 13,272	13,576	12,538 13,188
Market categories: Home goods and apparel	2,723 5,739	2,887 5,783	2,854	2,806 5,664	2,778 5,678	2,924	2,776 5,739	2,842	2,748 5,668	2,734 5,658	2,691 5,855	2,802
Equipment and defense products, except automotive	3,548	3,520	3,398	3,147	3,422	3,081	2,942	3,215	2,888	2,780	3,471	3,148
Defense products2	1,542	1,592	1,521	1,331	1,780	1,336	970	1,427	1,062	975	2,149	1,897
Automotive equipment	2,708	2,791	2,661	2,569	2,587	2,505	2,543	2,814	2,829	2,568	2,394	2,147
Construction materials, supplies, and intermediate products	2,578	2,644	2,499	2,388	2,448	2,405	2,381	2,349	2,388	2,328	2,257	2,199
Other materials and supplies and intermediate products	11,255	11,656	11,554	11,022	11,107	11,079	10,568	10,698	10,449	10,167	10,267	9,636
UNFILLED ORDERS												
All manufacturing industries, total.	66,906	66,833	65,896	65,110	64,460	63,226	61,445	-59,680	58,212	56,139	54,643	53,183
Durable goods industries Nondurable goods industries	63,626 3,280	63,610	62,744 3,152	61,879 3,231	61,241 3,219	59,990 3,236	58,265 3,180	56,565 3,115	55,153 3,059	53,242 2,897	51,792 2,851	50,352 2,831
Market categories: Home goods, apparel and consumer												
staples	2,233	2,266	2,203	2,209	2,153	2,136	2,059	2,005	1,923	1,837	1,749	1,818
Equipment and defense products, including automotive	33,664	33,687	33,308	32,862	32,580	31,926	31,181	30,445	29,738	28,792	28,308	27,777
Defense products ²	26,239	26,251	25,826	25,524	25,499	24,736	24,009	23,325	22,633	21,735	21,781	21,837
Construction materials, supplies, and intermediate products	5,537	5,552	5,487	5,405	5,333	5,278	5,184	5,092	5,067	4,962	4,835	4,710
Other meterials and supplies and intermediate products	25,472	25,328	24,898	24,634	24,394	23,886	23,021	22,138	21,484	20,548	19,751	18,878
INVENTORIES												
All manufacturing industries, total.	50,947	51,303	51,678	51,972	51,981	52,052	52,272	52,342	52,379	52,200	52,016	51,871
Durable goods industries Nondurable goods industries	30,679 20,268	30,981 20,322	31,251 20,427	31,570 20,402	31,615 20,366	31,671 20,381	31,858 20,414	31,959 20,383	32,053 20,326	34,033 20,167	31,824 20,192	31,728 20,143
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	5,422 8,309	5,425 8,339	5,487 8,298	5,420 8,289	5,372 8,251	5,343 8,245	5,315 8,234	5,293 8,191	5,242 8,129	5,167 8,052	5,122 8,069	5,101 7,999
automotive	10,756	10,897	10,998	11,138	11,196	11,217	11,251	11,295	11,327	11,255	11,200	11,139 5,603
Defense products ²	5,550	2,604	5,701 2,597	5,843 2,693	5,809	5,792 2,636	5,759 2,684	5,816 2,623	5,817 2,577	5,723 2,647	5,674 2,635	2,584
Automotive equipment Construction materials, supplies, and intermediate products Other materials and supplies and	2,596 4,640	4,669	4,764	4,816	4,822	4,831	4,855	4,888	4,927	4,916	4,932	4,958
intermediate products	19,224	19,369	19,534	19,616	19,717	19,780	19,955	20,052	20,177	20,163	20,058	20,090

¹Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month, ²The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Requipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(MIIIIO	ns of dol	iars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
<u>1957</u>												
SHIPMENTS												
All manufacturing industries, total.	27,955	30,459	30,138	29,304	28,345	29,701	26,329	29,000	29,321	29,401	28,624	26,260
Durable goods industries Nondurable goods industries	14,893 13,062	16,317 14,142	16,212 13,926	15,875 13,429	15,263 13,082	16,265 13,436	13,679 12,650	15,069 13,931	15,125 14,196	15,237 14,164	15,058 13,566	13,853 12,407
Market categories: Home goods and apparel	2,482 5,537 3,305	3,122 5,846 3,784	3,068 5,758 3,787	2,773 5,563 3,732	2,454 5,645 3,672	2,667 5,820 3,952	2,500 5,527 3,292	3,213 5,730 3,558	3,281 6,015 3,767	3,166 5,959 3,765	2,896 5,908 3,586	2,319 5,578 3,594
Defense products ²	1,620	1,838		1,767								
Automotive equipment	2,894		1,796		1,850	2,052	1,770	1,819	1,917	1,998	1,860	1,945
Construction materials, supplies, and intermediate products. Other materials and supplies and	2,263	3,060 2,448	2,973	2,895	2,673	2,587	2,443	2,580	2,191 2,594	2,299	2,815 2,369	2,524
intermediate products	11,474	12,199	12,048	11,787	11,344	11,943	10,222	11,293	11,473	11,594	11,050	10,172
NEW ORDERS												
All manufacturing industries, total.	27,784	30,402	29,511	27,636	27,369	28,717	25,117	27,347	27,409	26,714	27,398	25,307
Durable goods industries	14,890 12,894	16,330 14,072	15,689	14,124	14,167	15,136 13,581	12,504	13,572	13,415	12,759 13,955	13,826	12,918
Market categories: Home goods and apparel Consumer staples. Equipment and defense products, except automotive.	2,538 5,491 3,346	3,112 5,842 3,632	3,031 5,750 3,512	2,752 5,590 3,188	2,526 5,621 3,207	2,805 5,811 3,530	2,471 5,538 2,777	3,082 5,766 2,973	3,117 5,989 2,906	3,021 5,926 2,717	2,802 5,940 3,408	2,372 5,541 3,454
Defense products2	1,488	1,561	1,532	1,288	1,576	1,597	863	1,158	1,138	987	2,146	2,486
Automotive equipment	2,906	3,044	2,789	2,636	2,496		2,353					
Construction materials, supplies, and	2,900	J = (1444	2,789	2,030	2,496	2,486	2,303	2,550	2,293	2,314	2,777	2,417
intermediate products	2,311	2,532	2,523	2,434	2,506 11,013	2,612 11,473	2,333 9,645	2,499	2,549	2,430 10,306	2,161	1,961 9,562
UNFILLED ORDERS												
All manufacturing industries, total.	67,290	67,241	66,621	64,959	63,951	63,009	61,751	60,065	58,199	55,424	54,221	53,251
Durable goods industries	64,057 3,233	64,073 3,168	63,557 3,064	61,812 3,147	60,678 3,273	59,597 3,412	58,378 3,373	56,852 3,213	55,184 3,015	52,626 2,798	51,417 2,804	50,464 2,787
Market estegories: Home goods, apparel and consumer etsples. Equipment and defense products, including automotive.	2,149	2,137	2,093	2,104	2,157	2,282	2,258	2,158	1,974	1,791	1,731	1,744
Defense products ²	26,565	26,310	26,052	25,570	25,287	24,851	23,912	23,239	22,478	21,433	21,712	22,262
Construction materials, supplies, and intermediate products. Other materials and supplies and	5,474	5,551	5,570	5,451	5,399	5,284	5,272	5,143	5,099	4,904	4,701	4,588
intermediate products	25,456	25,495	25,354	24,604	24,261	23,812	23,216	22,386	21,490	20,160	19,435	18,819
INVENTORIES												
All manufacturing industries, total.	51,152	51,533	51,913	52,096	52,197	52,330	52,116	51,958	51,949	51,983	51,911	51,878
Durable goods industries Nondurable goods industries	30,671 20,481	31,106 20,427	31,508 20,405	31,854 20,242	31,980 20,217	31,936 20,394	31,737 20,379	31,555 20,403	31,697 20,252	31,868 20,115	31,685 20,226	31,605 20,273
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	5,301 8,553	5,353 8,421 10,887	5,458 8,234	5,485 8,074	5,611 7,906	5,720 7,938	5,565 7,981	5,382 8,188	5,169 8,211 11,235	4,954 8,282	4,857 8,364	4,867 8,251 10.994
Befense products ²	5,497	5,550	5,702	5,929	5,899	5,870	5,758	5,808	5,848	5,706	5,590	
	2,721	2,732	2,694	2,729	2,585	2,539	2,486	2,387	2,461	2,759	2,745	5,540
Automotive equipment								- 1				2,690
Other materials and supplies and	4,618	4,731	4,882	4,943	4,924	4,941	4,903	4,809	4,792	4,766	4,817	4,895
1Shinmente and new orders adjusted for												20,101

1Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, sirverit and perts, and ordnance. The sirverit parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category. "Equipment and defense products, except automative."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(MILLI)	ons of do.	liars)							
Item	Jan,	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					SI	EASONALLY	ADJUSTED	1				
1956												
SHIPMENTS												
All manufacturing industries, total.	27,248	27,034	27,329	27,751	27,553	27,966	25,684	27,354	27,980	28,560	28,767	29,185
Durable goods industries	14,572 12,676	14,414 12,620	14,430	14,761 12,990	14,555 12,998	14,833 13,133	13,010 12,674	14,374	14,837	15,314 13,246	15,376 13,391	15,645 13,540
Market categories: Home goods and apparel	2,849 5,190 3.069	2,714 5,240 3,080	2,703 5,408 3,092	2,729 5,492 3,230	2,756 5,462 3,216	2,785 5,610 3,344	2,614 5,481 3,306	2,665 5,617 3,407	2,736 5,650 3,423	2,828 5,625 3,539	2,903 5,623 3,567	2,955 5,708 3,671
Defense products2	1,451	1,426	1,358	1,487	1,550	1,623	1,563	1,691	1,668	1,706	1,764	1,846
Automotive equipment	2,673	2,556	2,510	2,481	2,352	2,367	2,344	2,300	2,283	2,441	2,461	2,670
Construction materials, supplies, and intermediate products	2,461	2,491	2,494	2,448	2,460	2,445	2,345	2,479	2,451	2,516	2,527	2,443
intermediate products	11,006	10,953	11,122	11,371	11,307	11,415	9,594	10,886	11,437	11,611	11,686	11,738
All manufacturing industries, total.	28,423	27,153	27,809	28,569	28,032	28.088	27,483	30,765	27,954	28,187	29,121	29,375
Durable goods industries	15,723	14,610	15,042	15,693	15,156	15,055	14,749	17,729	14,781	14,835	15,776	15,730
Market categories: Home goods and apparel. Consumer staples. Equipment and defense products, except	2,885 5,179	2,717	2,695	2,736 5,472	2,727	2,764 5,591	2,591 5,491	2,673 5,632	2,695 5,653	2,860 5,616	2,912 5,647	2,941 5,78
automotive	3,739	3,165	3,390	3,657	3,617	3,745	3,432	5,052	3,605	3,454	3,850	3,714
Defense products2	2,065	1,384	1,616	1,935	1,668	1,935	1,854	4,449	1,782	1,459	1,785	1,857
Automotive equipment	2,554	2,2%	2,448	2,254	2,282	2,372	2,455	2,391	2,313	2,396	2,466	2,788
Construction materials, supplies, and intermediate products	2,531	2,525	2,573	2,749	2,471	2,237	2,334	2,457	2,439	2,518	2,475	2,469
intermediate products	11,537	11,225	11,290	11,701	11,410	11,379	11,180	12,000	11,629	11,040	11,//1	11,070
All manufacturing industries, total.	61,330	61,509	61,829	62,969	63,320	63,474	65,006	66,958	67,097	67,022	67,191	67,37
Durable goods industries Nondurable goods industries	57,550 3,780	57,781 3,728	58,187 3,642	59,409 3,560	59,955 3,365	60,219 3,255	61,699 3,307	63,605 3,353	63,716 3,381	63,560 3,462	63,809 3,382	63,886 3,49
Market categories: Home goods, apparel and consumer												
staples Equipment and defense products,	2,236	2,213	2,226	2,233	2,137	2,093	2,128	2,155	2,150	2,183	2,178	2,28
including automotive	30,685	30,645	30,952	31,344	31,679	32,245	32,587	33,388	33,581	33,442	33,569	33,636
Defense products ² Construction materials, supplies, and	23,379	23,347	23,599	24,121	24,297	24,656	25,064	26,498	26,642	26,490	26,343	26,207
intermediate products	5,402	5,401	5,427	5,721 23,671	5,716 23,788	5,499	5,471 24,820	25,949	25,910	25,896	25,946	25,92
I-VULTORIES												
All manufacturing industries, total.	45,538	46,122	46,492	47,156	47,753	48,330	48,574	48,896	49,545	49,774	50,313	50,642
Durable goods industries	26,772 18,766	27,229	27,602 18,890	28,095 19,061	28,573 19,180	28,895 19,435	28,947 19,627	29,094	29,493	29,828 19,946	30,237 20,076	30,44 20,19
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	5,005 7,801	5,018 7,837	5,035 7,827	5,104 7,844	5,149 7,868	5,184 8,026	5,183 8,083	5,182 8,166	5,244 8,328	5,251 8,174	5,294 8,269	5,34 8,28
automotive	9,167	9,349	9,542	9,736	9,925	10,062	10,168	10,194	10,335	10,439	10,574	10,644
Defense products2	4,866	4,968	5,042	5,154	5,247	5,290	5,370	5,368	5,445	5,440	5,507	5,512
Automotive equipment	2,633 4,008	2,645	2,628	2,619	2,631 4,346	2,572	2,531 4,429	2,488	2,511 4,496	2,542	2,578 4,578	2,578 4,576
Other materials and supplies and intermediate products	16,924	17,159	17,290	17,571	17,834	18,042	18,180	18,391	18,631	18,836	19,020	19,224
	*		-		***************************************							

1Chipments and new orders adjusted for trading-day and calender month variation; unfilled orders and inventories as of end of month.

2The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(Milli	ons of do	llara)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
1956												
SHIPMENTS												
All manufacturing industries, total.	26,055	27,947	28,174	28,343	27,223	28,784	23,424	27,117	28,876	29,630	29,176	28,126
Durable goods industries Nondurable goods industries	13,875 12,180	14,946 13,001	15,047 13,127	15,334 13,009	14,581 12,642	15,672 13,112	11,626 11,798	13,915 13,202	14,984 13,892	15,582 14,048	15,618 13,558	15,396 12,730
Market categories: Home goods and apparel Consumer staples. Equipment and defense products, except automotive.	2,648 4,958 2,807	2,968 5,276 3,200	2,920 5,375 3,244	2,697 5,416 3,349	2,428 5,418 3,240	2,547 5,726 3,570	2,228 5,280 2,939	2,934 5,588 3,235	3,135 5,983 3,519	3,203 5,902 3,585	2,995 5,710 3,533	2,551 5,467 3,735
Defense products2	1,338	1,491	1,383	1,500	1,539	1,724	1,417	1,592	1,725	1,747	1,790	1,900
Automotive equipment	2,735	2,781	2,694	2,692	2,374	2,389	2,119	2,075	1,871	2,229	2,736	2,895
intermediate products. Other materials and supplies and intermediate products.	2,202	2,389	2,487	2,537	2,501	2,663	2,242	2,630	2,634	2,692	2,469	2,143
NEW ORDERS	10,707	11,555	11,454	11,652	11,262	11,889	8,616	10,655	11,734	12,019	11,733	11,335
All manufacturing industries, total.	27,949	28,216	28,574	28,632	27,251	29,240	25,452	29,223	28,562	28,695	29,532	29,088
Durable goods industries	15,714 12,235	15,274 12,942	15,569 13,005	15,751 12,881	14,631 12,620	16,082 13,158	13,567 11,885	16,105 13,118	14,774 13,788	14,653 14,042	15,0 0 13,540	16,272 12,816
Market categories: Home goods and apparel Consumer steples Equipment and defense products, except	2,726 4,951	2,922 5,273	2,884 5,395	2,705 5,385	2,463 5,401	2,641 5,706	2,304 5,299	2,890 5,616	3,061 5,970	3,144 5,888	2,991 5,741	2,484 5,532
sutomotive	3,676	3,287	3,459	3,695	3,378	4,280	3,199	4,123	3,594	3,367	3,811	4,161
Defense products2	2,177	1,361	1,610	1,852	1,475	2,323	1,558	2,957	1,919	1,465	1,770	2,472
Automotive equipment	2,730	2,508	2,566	2,351	2,173	2,326	2,251	2,182	1,983	2,188	2,843	3,078
intermediate products	2,276 11,590	2,430 11,796	2,617	2,796 11,700	2,502	2,412	2,267	2,614 11,798	2,607 11,347	2,631	2,377	2,219 11,614
UNFILLED ORDERS	22,570	22,170	11,055	11,700	11,554	11,015	10,152	11,770	22,547	11,477	11,707	11,014
All manufacturing industries, total.	61,774	62,032	62,441	62,723	62,751	63,202	65,255	67,432	67,128	66,158	66,515	67,473
Durable goods industries Nondurable goods industries	58,042 3,732	58,359 3,673	58,890 3,551	59,299 3,424	59,351 3,400	59,756 3,446	61,722 3,533	63,988 3,444	63,785 3,343	62,819 3,339	63,195 3,320	64,067 3,406
Market categories: Home goods, apparel, and consumer												
staples. Equipment and defense products,	2,196	2,151	2,137	2,115	2,135	2,212	2,303	2,285	2,198	2,122	2,148	2,144
including automotive	31,343	31,166	31,255	31,261	31,192	31,826	32,223	33,251	33,432	33,161	33,546	34,155
Defense products ²	23,728	23,604	23,835	24,180	24,114	24,700	24,843	26,257	26,444	26,151	26,131	26,701
intermediate products	5,341	5,380	5,512	5,765	5,766	5,520	5,545	5,529	5,504	5,441	5,350	5,425
intermediate products	22,894	23,335	23,537	23,582	23,658	23,644	25,184	26,367	25,994	25,434	25,471	25,749
INVENTORIES												
All manufacturing industries, total.	45,796	46,366	46,676	47,220	47,924	48,617	48,448	48,507	49,080	49,592	50,244	50,728
Durable goods industries Nondurable goods industries	26,827 18,969	27,367 18,999	27,836 18,840	28,323 18,897	28,905 19,019	29,157 19,460	28,804 19,644	28,672 19,835	29,105 19,975	29,691 19,901	30,139 20,105	30,410 20,318
Market categories: Home goods and apparel. Consumor staples. Equipment and defense products, except	4,903 8,028	4,955 7,915	4,993 7,769	5,157 7,635	5,347 7,545	5,521 7,754	5,418 7,874	5,270 8,180	5,178 8,405	5,051 8,397	5,042 8,559	5,112 8,531
automotive	9,136	9,337	9,607 5,045	9,856 5,215	10,077 5,322	10,197 5,359	10,153 5,367	10,120 5,362	10,251 5,464	10,350	10,467	10,537
Defense products ²	4,827 2,763	2,782	2,741	2,664	2,613	2,507	2,351	2,245	2,356	5,446 2,625	5,431 2,678	5,458 2,690
Construction materials, supplies, and intermediate products	4,001	4,182	4,278	4,391	4,438	4,543	4,469	4,400	4,364	4,383	4,464	4,527
intermediate products	16,965	17,195	17,288	17,517	17,904	18,095	18,183	18,292	18,526	18,786	19,034	19,331

¹Chipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, discret and parta, and ordnance. The aircraft parts component is classified in the market category, "Other naterials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

(Millions of dollars) Item Jan. April July Aug. Oct. Nov. Dec. SEASONALLY ADJUSTED All manufacturing industries, total, 26.308 Durable goods industries..... Nondurable goods industries..... Market categories: 2,644 2.661 Home goods and apparel..... Consumer staples..... Equipment and defense products, except 2.849 automotive..... 2.861 Defense products2..... 1,407 1,430 2,923 2,260 2.463 2,544 intermediate products..... 10,929 11,167 NEW ORDERS All manufacturing industries, total. Durable goods industries..... 16,423 Mondurable goods industries..... Market categories: Home goods and apparel..... automotive.... 2,948 3.544 3,576 Defense products2..... 2.417 Automotive equipment...... Construction materials, supplies, and 3.002 3,226 2,986 2,992 intermediate products.....
Other materials and supplies and 2,394 11,895 intermediate products..... INFILLED ORDERS All manufacturing industries, total. 51,227 51.750 54,276 60.004 Durable goods industries..... Nondurable goods industries..... 3.34 Market categories: Home goods, apparel and consumer 1.941 2,044 2,025 2,183 staples..... Equipment and defense products, including automotive..... 26,468 26,622 26.943 27,352 29.09 Defense products2..... 20,272 22,559 Construction materials, supplies, and intermediate products..... 4.926 5,128 5,258 intermediate products..... 16,073 16,760 18,678 20,875 17,994 19,458 20,169 21,505 22,461 All manufacturing industries, total. 42,251 42,571 42.819 44,584 Durable goods industries..... 26,405 23,766 Market categories: Home goods and apparel..... 4,506 4,588 4,604 4,760 4,883 automotive..... 8,363 8,407 8,547 8,626 Defense products2..... 4,839 4,732 4,652 4,721 Automotive equipment..... 1,914 Construction materials, supplies, and intermediate products.....
Other materiala and supplies and 3,667 3,839 3,892 3,925 intermediate products..... 15,752 15,922 16,242 16,660 16,762

¹Obliments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month, ²The defense equipment consists of the following exteportes: communetation equipment, advarced aparts, and contained. The district parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Budipment and defense products, except automative,"

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

(Millions of dollars) Tan Mannh April May June July Sept. Oct Nov Dec. Aug. WITHOUT SEASONAL ADJUSTMENT1 1955 SHI PMENTS All manufacturing industries, total. 26,236 26,883 26.795 26,220 27.875 27,998 27,713 26,557 26.072 Durable goods industries..... 13,803 14,915 14,533 Nondurable goods industries..... 12,462 12,588 13,301 13,289 12 298 12,024 Market categories: 2,842 Home goods and apparel..... 2,401 2,995 3 040 2 802 2,401 Consumer staples..... Equipment and defense products, except 4.902 5,189 5.592 5.510 5.288 5.047 automotive..... 2,966 2,914 2.881 3,091 2,558 2,767 3 055 2 993 Defense products2..... 1,461 1,447 1,554 1,528 1,436 1,431 1,420 Automotive equipment..... 2,647 2,960 3.098 2,994 2.719 2.610 2,469 2,716 3,218 2,965 Construction materials, supplies, and 2,569 2,543 2 409 2,308 2,345 2,285 2,209 2,481 intermediate products..... 10,785 9.370 10.354 10,413 9,160 10.188 11.194 10.990 NEW ORDERS All manufacturing industries, total. 27,067 28.067 26,441 26,098 28,405 27.039 28.757 28,767 28,879 29,044 13,793 14,531 12,560 12,910 Market categories: Home goods and apparel..... 2,860 2 998 2.970 Consumer staples.... Equipment and defense products, except 5.176 5.186 automotive..... 2.593 2.984 2.962 2.741 2.769 2.942 3.597 4.413 Defense products2..... 1.208 860 969 1,506 2.976 Automotive equipment..... 3,409 3,036 2,980 3,145 3,182 2,924 2,886 2,961 Construction materials, supplies, and intermediate products..... Other materials and supplies and 2.067 2,365 2,326 2,501 2.391 2,261 intermediate products..... 11,413 10,441 10,569 11,319 10,094 10,396 11,381 11,924 UNFILLED ORDERS 60,044 All manufacturing industries, total. 49,611 51 604 51,284 52,281 53.860 54,708 55.586 56,350 57 513 Durable goods industries..... 48,136 48,055 48,715 49,983 Nondurable goods industries..... Market categories: Home goods, apparel and consumer 1,885 2,143 2,299 2,291 2,198 2,190 2,121 including automotive..... 26,226 28,349 29,049 30,464 26.744 26.369 25,960 27.146 27.688 19,805 22,875 Defense products2..... 20,314 20,142 20,547 21,259 21,333 Construction materials, supplies, and 4.944 5,088 5,264 5,360 5,239 5,266 18,765 19,911 20.550 intermediate products..... 18.262 22.193 THURNTORTES All manufacturing industries, total. 41.958 42,019 41.966 42,284 42,695 43.366 44,166 44,523 45,225 26,439 18,786 Durable goods industries..... 23,890 24,118 24,363 25,668 25,919 Nondurable goods industries..... 18,126 18,388 18,498 18,604 Market categories: 4,746 4,783 7,769 Home goods and apparel..... 7,680 8,759 8.386 8.381 8.496 8.791 8.953 automotive..... Defense products2..... 4.846 4.787 4.765 4,788 4,687 4,649 4.800 2,161 2.282 2.693 3,802 3,784 3,815 15,666 15,978 16,172 16.457 16,853 intermediate products.....

1Shipments and new orders adjusted for trading-day and calendar month variation; untilled orders and inventories as of end of month,
2The defense equipment consists of the following categories: communication equipment, directly and parts, and ordname. The directly parts
component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the
market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(1111	ions of d	ollars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	llov.	Dec.
					S	EASONALLY	ADJUSTED	1				
1954												
SHI PMENTS												
All manufacturing industries, total.	23,541	23,497	23,331	23,578	22,994	23,172	23,461	22,909	22,802	22,810	23,812	24,375
Durable goods industries	12,261 11,280	12,076 11,421	11,877	11,912 11,666	11,667	11,671 11,501	11,847	11,405 11,504	11,283	11,305 11,505	12,080 11,732	12,509 11,866
Market eategories: Home goods and apparel	2,359 5,054 3,079	2,428 5,079 3,011	2,402 5,095 2,948	2,405 5,274 2,967	2,298 5,047 2,856	2,448 5,041 2,840	2,461 5,134 2,971	2,480 5,059 2,762	2,488 5,023 2,764	2,441 5,052 2,730	2,527 5,088 2,747	2,586 5,052 2,784
Defense products2	1,671	1,661	1,657	1,721	1,627	1,629	1,782	1,558	1,530	1,590	1,595	1,539
Automotive equipment Construction materials, supplies, and	2,083	2,076	2,035	2,029	1,993	2,057	1,972	1,903	1,680	1,660	2,261	2,424
intermediate products	2,018 8,948	2,002 8,901	2,023 8,828	2,040 8,863	1,981 8,819	1,951 8,835	1,978 8,945	1,984 8,721	2,026 8,821	2,076 8,851	2,092 9,097	2,171 9,358
NEW ORDERS												
All manufacturing industries, total.	21,324	21,726	21,158	21,880	21,195	21,849	22,036	21,995	23,305	24,118	22,924	24,589
Durable goods industries	9,993 11,331	10,309 11,417	9,723 11,435	10,166 11,714	9,751 11,444	10,290 11,559	10,504 11,532	10,453 11,542	11,688	12,641	11,145	12,604 11,985
Market categories: Home goods and apparel. Consumer staples. Equipment and defense products, except	2,247 5,038	2,357 5,088	2,222 5,095	2,286 5,298	2,230 5,060	2,330 5,059	2,314 5,139	2,380 5,060	2,523 5,031	2,411 4,997	2,652 5,069	2,552 5,091
automotive Defense products ²	2,558 2,059	2,504	2,198 1,353	2,460 1,879	2,248	2,314	2,500	2,416 1,248	2,936 1,852	3,342 2,519	2,080	2,609 1,206
Automotive equipment	1,774	1,747	1,827	1,840	1,779	1,858	1,867	1,870	1,788	1,936	2,204	2,585
Construction materials, supplies, and intermediate products. Other materials and supplies and intermediate products.	1,803 7,904	1,918 8,112	1,939	1,894 8,102	1,895	2,054 8,234	1,903 8,313	1,928	1,925	2,057 9,375	2,098 8,821	2,172 9,580
UNFILLED ORDERS	1,504	0,111	1,5011	0,102	13500	0,10,1	0,720	0,541	9,102	3,515	0,022	,,,
All manufacturing industries, total.	58,766	57,090	54,571	52,837	51,215	49,599	48,347	47,346	47,705	48,969	48,210	48, 266
Durable goods industries Nondurable goods industries	56,182 2,584	54,493 2,597	51,997 2,574	50,172 2,665	48,378 2,837	46,706 2,893	45,518 2,829	44,525 2,821	44,819 2,886	46,129 2,840	45,313 2,897	45,250 3,016
Market categories: Home goods, apparel and consumer												
Stuples Equipment and defense products,	2,727	2,728	2,298	2,146	2,065	1,947	1,868	1,773	1,837	1,787	1,863	1,860
including automotive Defense products ²	30,829 24,393	30,060 23,983	29,208 23,567	28,577	27,865	27,100	26,655	26,208 21,842	26,327	26,987 22,919	26,319	26,112
Construction materials, supplies, and . intermediate products	5,236	5,127	4,954	4,824	4,748	4,830	4,758	4,701	4,650	4,671	4,698	4,716
intermediate products	19,974	19,175	18,111	17,290	16,537	15,722	15,066	14,664	14,891	15,524	15,330	15,578
INVENTORIES												
All manufacturing industries, total.	43,528	43,287	42,954	42,575	42,224	42,064	41,862	41,483	41,394	41,452	41,603	41,612
Durable goods industries Nondurable goods industriea	25,541 17,987	25,323 17,964	25,025 17,929	24,643	24,364 17,860	24,112 17,952	23,865 17,997	23,629 17,854	23,509 17,885	23,520 17,932	23,611 17,992	23,710 17,902
Market categories: Home goods and apparel	4,851 7,524	4,829 7,529	4,746 7,552	4,762 7,513	4,659 7,537	4,664 7,573	4,650 7,628	4,652 7,525	4,642 7,563	4,628 7,601	4,630 7,646	4,525 7,652
automotive Defense products ²	8,822 5,113	8,764 5,055	8,710 5,053	8,626 4,985	8,557 4,928	8,503 4,895	8,462 4,835	8,437 4,855	8,430 4,880	8,414 4,870	8,455 4,920	8,466 4,943
Automotive equipment	2,252	2,202	2,132	2,090	2,034	1,997	1,956	1,883	1,861	1,945	1,956	1,916
Construction materials, supplies, and intermediate products. Other materials and supplies and intermediate products.	3,750 16,329	3,722 16,241	3,675	3,620 15,964	3,603 15,834	3,577 15,750	3,528 15,638	3,482	3,499	3,499	3,515	3,559 15,494
levi	10,529	10,241	10,139	15,964	10,004	10,100	15,058	15,504	15,399	15,365	15,401	17,494

1Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month,
2The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts
component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the
market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(Millio	ons of dol	llars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHOU	JT SEASON	AL ADJUST	ENT1				
<u>1954</u>												
SHIPMENTS												
All manufacturing industries, total.	22,461	24,342	24,078	24,054	22,669	23,682	21,298	22,807	23,784	23,799	23,884	23,399
Durable goods industries Nondurable goods industries	11,615 10,846	12,565 11,777	12,420 11,658	12,410 11,644	11,678 10,991	12,269 11,413	10,537 10,761	11,096 11,711	11,588 12,196	11,544 12,255	11,999 11,885	12,211
Market categories: Home goods and apparel Consumer staples Equipment and defense products, except automotive.	2,209 4,835 2,836	2,665 5,108 3,140	2,621 5,041 3,097	2,389 5,180 3,084	2,042 5,003 2,868	2,197 5,138 3,011	2,068 4,949 2,627	2,735 5,033 2,633	2,849 5,317 2,848	2,753 5,331 2,766	2,583 5,179 2,735	2,233 4,850 2,813
Defense products2	1,538	1,752	1,704	1,768	1,610	1,720	1,621	1,477	1,587	1,595	1,626	1,562
Automotive equipment	2,065	2,225	2,178	2,211	2,055	2,143	1,809	1,765	1,561	1,522	2,172	2,498
Construction materials, supplies, and intermediate products. Other materials and supplies and intermediate products.	1,827 8,689	1,952 9,252	2,043 9,098	2,119 9,071	1,995 8,706	2,103 9,090	1,866 7,979	2,089 8,552	2,165 9,044	2,217 9,210	2,042 9,173	1,916 9,089
new Orders	0,009	7,232	9,098	9,071	0,700	9,090	1,7713	0,552	2,044	7,210	7,2,5	7,007
All manufacturing industries, total.	21,094	22,422	21,706	22,014	20,660	22,546	20,358	21,640	24,152	24,485	22,935	24,005
Durable goods industries Nondurable goods industries	10,177 10,917	10,640	10,060	10,335 11,679	9,415 11,245	10,887	9,654 10,704	10,068	11,953 12,199	12,387 12,098	10,933	12,712 11,293
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	2,142 4,812	2,526 5,129	2,376 5,056	2,263 5,193	2,052	2,192 5,160	2,016 4,959	2,582 5,043	2,870 5,320	2,635 5,268	2,718 5,161	2,162 4,881
automotive	2,685	2,607	2,247	2,490	2,128	2,570	2,322	2,200	2,937	3,159	2,028	2,767
Defense products2	1,856	1,326	1,101	1,465	988	1,359	1,234	881	2,029	2,439	543	1,464
Automotive equipment	1,850	1,877	1,912	1,969	1,748	1,873	1,733	1,730	1,738	1,742	2,208	2,723
intermediate products. Other materials and supplies and intermediate products	7,978	1,850 8,433	1,987 8,128	1,959 8,140	1,884 7,849	2,199 8,552	1,826 7,502	2,052 8,033	2,050	2,153 9,528	2,025 8,795	1,973 9,499
UNFILLED ORDERS	1,7-10	.,	-,	.,,,,,,,,	,,	-,	,,	-,	,,	. ,		
All manufacturing industries, total,	58,982	57,228	54,770	52,743	50,748	49,617	48,660	47,478	47,841	48,523	47,576	48,195
Durable goods industries Nondurable goods industries	56,420 2,562	54,660 2,568	52,216 2,554	50,155 2,588	47,907 2,841	46,531 3,086	45,631 3,029	44,590 2,888	44,950 2,891	45,791 2,732	44,724 2,852	45,233 2,962
Market cote jories:												
Home goods, apparel and consumer stsples	2,505	2,400	2,162	2,053	2,060	2,077	2,033	1,887	1,908	1,725	1,839	1,792
Equipment and defense products, including automotive	31,376	30,566	29,415	28,584	27,545	26,838	26,448	25,976	26,242	26,855	26,187	26,370
Defense products2	24,769	24,377	23,752	23,451	22,832	22,474	22,079	21,474	21,915	22,756	21,676	21,575
Construction materials, supplies, and intermediate products Other materials and supplies and	5,186	5,092	5,034	4,874	4,763	4,859	4,818	4,781	4,666	4,602	4,585	4,643
intermediate products	19,915	19,170	18,159	17,232	16,380	15,843	15,361	14,834	15,025	15,341	14,965	15,390
INVENTORIES												
All manufacturing industries, total.	43,840	43,497	43,049	42,536	42,247	42,261	41,797	41,288	41,016	41,249	41,541	41,831
Durable goods industries	25,626 18,214	25,413 18,084	25,197 17,852	24,770 17,766	24,592 17,655	24,294 17,967	23,763 18,034	23,409 17,879	23,216 17,800	23,347 17,902	23,510 18,031	23,785 18,046
Market a copries: Home goods and apparel	4,770 7,769 8,813	4,789 7,623 8,774	4,700 7,483 8,773	4,814 7,296 8,712	4,800 7,213 8,643	4,929 7,307 8,569	4,865 7,439 8,425	4,738 7,527 8,388	4,578 7,609 8,350	4,461 7,800 8,358	4,431 7,906 8,410	4,369 7,898 8,455
Defense products ²	5,096	5,008	5,060	5,003	4,954	4,938	4,829	4,863	4,866	4,873	4,879	4,953
Automotive equipment	2,335	2,293	2,229	2,143	2,061	1,991	1,857	1,742	1,750	1,935	1,968	1,984
Construction materials, supplies, and intermediate products	3,758	3,778	3,755	3,674	3,673	3,653	3,550	3,441	3,404	3,374	3,412	3,542
Other materials and supplies and intermediate products	16,395	16,240	16,109	15,897	15,857	15,812	15,661	15,452	15,325	15,321	15,414	15,583
lohimmate and new orders adjusted for						illed ord	ers and 1	nventorie	s as of e	nd of mon	th.	

1Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month,
2The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts
component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the
market category, "Equipment and defense products, except automotive."

Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

·			(Mill	ions of d	ollars)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					S	EASONALLY	ADJUSTED	1				
1953												
SHIPMENTS												
All manufacturing industries, total.	24,789	25,215	25,445	25,583	25,536	24,970	25,835	24,970	24,708	24,564	23,529	23,095
Durable goods industries Nondurable goods industries	13,355 11,434	13,743 11,472	13,755 11,690	13,985 11,598	13,866 11,670	15,445 11,525	14,013 11,822	13,403 11,567	13,152 11,556	13,115 11,449	12,424 11,105	12,028 11,067
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	2,657 5,000	2,624	2,663 5,177	2,635 5,016	2,659	2,529 4,950	2,663 5,123 3,204	2,588 5,048	2,520 5,099 3,156	2,509 5,056 3,208	2,340 4,984 3,015	2,354 4,935 2,949
automotive Defense products ²	3,226 1,6,6	3,304 1,756	3,201 1,687	3,323 1,758	3,258 1,720	3,153 1,726	1,736	1,661	1,762	1,876	1,627	1,586
Automotive equipment	254	2,321	2,420	2,385	2,301	2,294	2,479	2,387	2,339	2,309	2,164	2,137
intermediate products Other materials and supplies and	2,051	2,122	2,105	2,132	2,089	2,061	2,129	1,935	1,979	1,958	1,943	1,968
intermediate products	9,621	9,858	9,879	10,092	10,208	9,377	10,237	9,867	9,615	9,524	9,083	8,752
NEW ORDERS	05 070	05 606	05 109	05 067	25,252	24,713	23,956	22,202	21,342	21,368	20,931	20,882
All manufacturing industries, total.	25,832	25,626 14,210	25,108	25,263 13,693	13,585	13,205	12,349	10,893	9,709	9,990	9,943	9,963
Durable goods industries Nondurable goods industries	11,3%	11,416	11,769	11,570	11,667	11,50	11,607	11,309	11,633	11,378	10,988	10,919
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	2,727	2,567 5,007	2,664 5,201	2,655 5,25	2,670 5,022	2,453 4,973	2,598 5,122	2,388 5,-33	2,295 5,101	2,304 5,064	2,144 4,959	2,173 4,886
automotive	3,559	3,543	2,976	3,141	3,210	2,965	2,580	2,378	2,340	2,564	2,337	2,464
Defense products ² Automotive equipment	2,901	3,500 2,182	2,074	2,061	2,749	2,870	1,253	1,998	2,024	1,875	1,910	1,730
Construction materials, supplies, and intermediate products Other materials and supplies and	2,208	2,175	2,211	2,107	1,997	1,854	2,009	1,788	1,877	1,776	1,823	1,986
intermediate products	10,338	10,152	9,981	10,141	10,229	10,123	9,699	8,617	7,705	7,785	7,758	7,637
UNFILLED ORDERS												
All manufacturing industries, total.	77,602	77,971	77,220	76,768	76,783	76,225	73,850	71,311	67,852	65,256	63,263	61,178
Durable goods industries	74,407 3,195	74,834 3,137	74,026 3,194	73,513 3,255	73,423 3,360	72,894 3,331	70,706 3,144	68,456 2,855	64,967 2,885	62,432 2,824	60,579 2,684	58,637 2,541
Market categories: Home goods, apparel and consumer staples. Equipment and defense products,	4,178	4,224	3,896	3,879	3,810	3,617	3,439	3,204	2,972	3,093	3,023	3,094
including automotive Defense products ²	38,855 26,443	39,034 27,096	38,639	38,323	38,328 27,440	38,244	37,081	36,127 27,080	25,762	33,550 25,374	24,968	24,486
Construction materials, supplies, and intermediate products	6,349	6,362	6,359	6,349	6,266	6,040	5,904	5,713	5,681	5,552	5,450	5,458
Other materials and supplies and intermediate products	28,220	28,351	28,326	28,217	28,379	28,324	27,426	26,267	24,469	23,061	22,135	21,048
INVENTORIES												
All manufacturing industries, total.	42,692	42,757	43,002	43,357	43,739	43,968	44,364	44,608	44,698	44,330	44,172	43,948
Durable goods industries Nondurable goods industries	24,518 18,174	24,632 18,125	24,850 18,152	25,195 18,162	25,512 18,227	25,786 18,182	26,157 18,207	26,326 18,282	26,361 18,337	26,238 18,092	26,093 18,079	25,878 18,070
Market categories: Home goods and apparel. Consumer staples Equipment and defense products, except	4,990 7,508	4,98e 7,739	5,016 7,667	5,054 7,651	5,110 7,626	5,090 7,600	5,117 7,630	5,092	5,046 7,727	4,912 7,663	4,917 7,635	4,929
automotive Defense products ²	8,514	8,543	8,606 4,854	8,660	8,730	8,809 5,075	8,910 5,150	8,919 5,165	8,948 5,142	8,967 5,125	8,966 5,158	8,926 5,145
Automotive equipment	2,073	2,130	2,207	2,307	2,382	2,445	2,511	2,520	2,516	2,384	2,335	2,295
Onstruction materials, supplies, and intermediate products	3,485	3,507	3,529	3,576	3,609	3,633	3,680 16,516	3,725 16,685	3,718	3,722	3,712	3,723
intermediate products	15,822	15,856	15,977	16,109	16,282	16,391	16,516	10,005	10,143	10,02	1 10,00/	10,410

'Shipments and new orders adjusted for treding-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except submarite,"

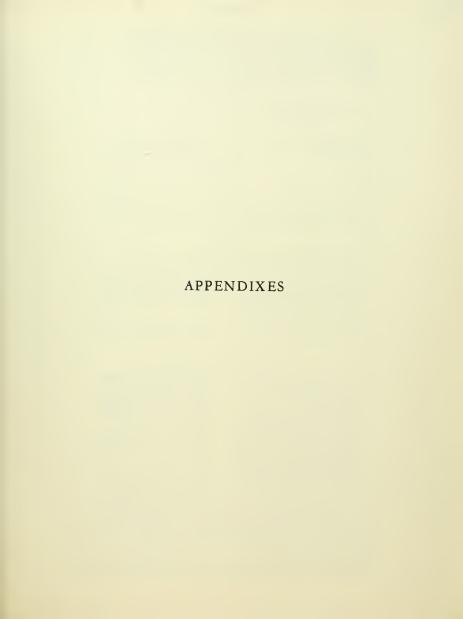
Table 8.-Manufacturers' Shipments, Orders, and Inventories, by Market Categories: Months, 1953-1963-Continued

			(MITT	ions of d	ollers)							
Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					WITHO	UT SEASON	AL ADJUST	MENT ¹				
<u>1953</u>												
SHIPMENTS									Į.			
All manufacturing industries, total.	23,638	26,138	26,262	26,112	25,117	25,556	23,389	24,904	25,688	25,746	23,543	22,027
Durable goods industries	12,652 10,986	14,310 11,828	14,380 11,882	14,560 11,552	13,853 11,264	14,134 11,422	12,444 10,945	13,082 11,822	13,438 12,250	13,497 12,249	12,274 11,269	11,569 10,458
Market categories: Home goods and apparel Consumer staples. Equipment and defense products, except automotive.	2,505 4,771 2,974	2,895 5,012	2,919 5,105	2,629 4,925	2,368 4,967	2,256 5,051	2,202 4,948	2,851 5,037	2,892 5,394	2,836 5,366	2,396 5,076	2,030 4,739
Defense products ²		3,444	3,376	3,465	3,268	3,324	2,812	2,963	3,245	3,254	3,000	2,970
	1,562	1,853	1,747	1,809	1,689	1,805	1,562	1,588	1,829	1,871	1,669	1,596
Automotive equipment	2,181	2,465	2,534	2,570	2,363	2,461	2,354	2,287	2,199	2,306	2,011	1,982
intermediate products	1,861 9,346	2,071	2,132	2,217	2,105	2,214	1,991	2,083 9,683	2,115 9,843	2,091 9,893	1,900 9,160	1,742 8,564
NEW ORDERS							· ·	, í				
All manufacturing industries, total.	25,809	26,375	25,731	25,455	24,515	25,628	22,293	22,102	22,068	21,950	20,906	20,194
Durable goods industries Nondurable goods industries	14,829 10,980	14,605 11,770	13,763	13,925 11,530	13,057 11,458	14,007 11,621	11,521 10,772	10,734 11,368	9,834 12,234	9,903 12,047	9,699 11,207	9,882 10,312
Market categories: Home goods and apparel Consumer staples Equipment and defense products, except automotive.	2,648 4,767 3,757	2,740 5,045 3,687	2,849 5,147 3,054	2,668 4,922 3,206	2,472 4,952 3,037	2,299 5,074	2,245 4,951 2,450	2,590 5,030 2,272	2,623 5,396 2,303	2,531 5,372 2,448	2,213 5,053 2,284	1,840 4,683 2.581
Defense products2	2,656	2,545	1,675	1,651	1,827	2,583	951	819	842	1,389	1,032	1,474
Automotive equipment	2,052	2,320	2,121	2,345	2,092	2,401	1,894	1,900	1,954	1,818	1,828	1,644
Construction materials, supplies, and												
intermediate products	1,994	2,096	2,273	2,188	1,973 : 9,989	1,987	8,842	1,902 8,408	2,002 7,790	1,860 7,921	1,757 7,771	1,805 7,641
UNFILLED ORDERS					ĺ					.,		.,
All menufacturing industries, total.	77,649	77,828	77,267	76,610	76,020	76,111	74,992	72,230	68,650	64,812	62,243	60,346
Durable goods industries	74,494 3,155	74,729 3,099	74,078 3,189	73,443 3,167	72,660 3,360	72,555 3,556	71,617 3,375	69,308 2,922	65,745 2,905	62,111 2,701	59,602 2,641	57,854 2,492
Market categories: Home goods, apparel and consumer staples. Equipment and defense products,	3,786	3,675	3,650	3,690	3,781	3,846	3,888	3,623	3,359	3,054	2,850	2,592
Equipment and defense products, including automotive	39,508	39,601	38,852	38,372	37,872	37,790	36,939	35,866	34,687	33,372	32,493	31,73
Defense products2	26,753	27,389	27,316	27,161	27,298	28,074	27,441	26,674	25,691	25,202	24,579	24,453
Construction materials, supplies, and intermediate products	6,292	6,315	6,459	6,430	6,298	6,071	5,988	5,807	5,694	5,459	5,319	5,385
Other materials and supplies and intermediate products	28,063	28,237	28,306	28,118	28,069	28,404	28,177	26,934	24,910	22,927	21,581	20,630
INVENTORIES												
All manufacturing industries, total.	43,045	43,003	43,119	43,333	43,812	44,148	44,294	44,406	44,280	44,028	44,063	44,214
Durable goods industries Nondurable goods industries	24,605 18,440	24,721 18,282	25,002 18,117	25,295 18,038	25,741 18,071	25,930 18,218	26,048 18,246	26,142 18,264	26,089 18,191	26,022 18,006	25,974 18,089	25,971 18,243
Market categories: Home goods and apparel Consumer staples Equipment and defense products, except automotive.	4,917 8,083 8,521	4,946 7,870 8,592	4,984 7,618 8,692	5,116 7,454 8,756	5,265 7,333 8,815	5,363 7,349 8,853	5,354 7,441 8,859	5,177 7,648 8,866	4,975 7,743 8,857	4,735 7,830 8,893	4,697 7,831 8,930	4,787 7,848 8,917
Defense products2	4,758	4,782	4,858	4,934	5,024	5,104	5,149	5,183	5,128	5,116	5,138	5,162
Automotive equipment	2,144	2,205	2,301	2,364	2,426	2,442	2,414	2,385	2,392	2,327	2,300	2,364
Construction materials, supplies, and intermediate products	3,490	3,545	3,591	3,611	3,666	3,708	3,703	3,695	3,629	3,597	3,605	3,718
intermediate products	15,890	15,845	15,933	16,032	16,307	16,433	16,523	16,635	16,684	16,646	16,650	16,580
lehimoute and you orders adjusted for	Augding di		london mo	add amount or	1. com	Trad ond	me and d.			. 4 . 6		

1Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.

The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordance. The aircraft parts component is classified in the market ontegory, "Step smatterials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."





APPENDIX A

Monthly Industry Survey Report Form (M-3)

CONFIDENTIAL - This inquity is authorized by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Cen-	FORM APPROVED BUDGET BUREAU NO. 41-R-328.16
Bureau is confidential and may be seen only by sworn Cen- sus employees. It may not be used for purposes of taxation, investigation, ut regulation. Copies retained in your files are also immune from legal process.	Due date in Washington 20TH OF THE MONTH
FORM M3 U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	(Please correct If name or eddress has changed) Form M3
MONTHLY INDUSTRY SURVEY	
SALES, ORDERS AND INVENTORIES BY MONTH - 1963	
TO: Bureou of the Census, Industry Oivision Washington 25, D.C.	(PLEASE RETURN THIS COPY)
INS	TRUCTIONS

GENERAL

Please complete and return one (1) copy of this report one later than the 30th of the menth following the month reported,
I reporting for future months, you may wish to post each month's figures to your file copy. Please use the pre-addressed
return everlope in submitting you report each month's figures to your file copy. Please use the pre-addressed
return everlope in submitting you report each month or the pre-addressed return everlope in submitting you report each month.

REPORTING OF DATA

This report should include all activities of the company or division of the company designated in the address bos. Operations of foreign subsidiaries or foreign branches should be excluded.

Carefully prepared estimates or approximations are acceptable and the state of the

Please report such changes as mergers, acquisitions of other firms or activities, or splits in reporting unit,

giving the names of the companies involved, the date the change was made and whether or not the reported figures reflect this change.

Report all data in thousand of dollars. Indicate the accounting period covered (i.e., month, 4-week period, 5-week period) by marking "W" in the proper bos in Column (e). If you maintain your records on a basis of \$10 nu-week periods, report no consecutive lines, and enter data for the 13th period on the line provided for this purpose.

Please complete the verification total by adding all data reported in Columns (1) through (7). This figure is used as a processing device by the Bureau of the Census.

DEFINITIONS OF ITEMS TO BE REPORTED

Net Sules - Include total company billings net after discounts and allowances. Include sales of products and services to other companies, individuals, 10.8. Government agencies and foteign customers, Sales by foreign subsidiaries should be excluded. Transfers within the reporting unit should also be excluded.

reporting unit should also be excluded.

Net New Outer Seceived (New Outer Received Less Cancellations). Include (a) the sales value of orders services to be devineed a services to be devineed a some future dare; (b) the sales value of orders for immediate delivery which have sales value of contract charge devaneers which increase or decrease the sales value of the orders to which they are sales value of the sales value of the sales value of the sales value of the value value of the value value of value value of the value value of value
Unfilled Orders, End of Month - Include orders that has not yet passed through the sales account. Generally,

unfilled orders at the end of a reporting period are equal to unfilled orders at the beginning of the period plus net new orders received during the period less net sales.

new onders received outing the period less net sales. Total Invertey, fad of Month Include the book value by whatever method derived - as carried on your books of all goods omed by 90%, wherever located and stall stages of fabrication. Do not include goods in which the title owners of the sales of the

Moterial and Supplies - Include all taw and semi-fabricated commodities, and supplies, the title to which has passed to you but which have not yet undergone any processing

Goods in Process - Include all commodities undergoing fabrication within your plants.

Finished Goods - Include all products on which your processing has been completed and which are ready for shipment to customers. Also include all stocks of goods bought for resale without further processing.

Name of person to contact regarding this report	Address	Telephone No.
CERTIFICATION - This report is substantially acc	urate and has been prepared in accordance with ins	tructions.
Name of company	Address	
Signature of authorized official	Title	Date

Please complete form on reverse side

USCOMM-DC 15184 P-65

Monthly Industry Survey Report Form (M-3)-Continued

	9	٥	P			SALES, 0	SALES, ORDERS, AND INVENTORIES BY MONTH - 1963 (Report Figures in Thousands of Dollors)	INVENTORIES in Thousonds	of Dollors)	1963	Please read instructions on reverse side before entering the data,	
			NET NEW		_		INVENTORIES, END OF MONTH	ND OF MONTH			**************************************	Γ
MONT	COVERED (Mark "X" In proper box)	NET SALES (Billings or shipments)	ORDERS RECEIVED (New orders fere	UNFILLED ORDERS END OF MONTH		TOTAL	MATERIALS AND SUPPLIES	GOODS IN PROCESS	FINISHED	VERIFICATION TOTAL (Sum of Cals. (1) - (7))	Describe reasons for large month-to-month changes in any of the items shown; for example, new government contract, acquired new firm give name and date), vacation, strike, new	ۇ _{د.} ق
	(E)	(1)	(2)	(3)	(a) (b)	(4)	(S)	(9)	6	(8)	accounting method, etc.	
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FORM MB (1-4-53)	633										USCOMM-OC 19134 P-08	18

Composition of Monthly Industry Survey Categories in Terms of 1957 Standard Industrial Classification System

Code	Description	group- ing1	category	Code	Description	group- ing1
2011	Meat packing plants Prepared meats	2	Textile mill products —Con. Other textile goods —Con. All other textiles —Con.	2296	Tire cord and fabric	
2021	Creamery butter	2		2298 2299	Cordage and twine Textile goods, nec	
2023 2024 2025 2026	Condensed and evaporated milk Ice cream and frozen desserts Special dairy products Fluid milk	"	Apparel and related products.	231- 232- 233- 234-	Men's and boys' suits and coats Men's and boys furnishings Women's and misses' outerwear Women's undergarments	1
2083 2084 2085 2086	Malt Wines and brandy Distilled liquor except brandy Bottled and canned soft drinks		Tumber and wood products:	235- 236- 237- 238- 239-	Millinery, hats and caps Children's outerwear Fur goods Miscellaneous apparel Fabricated textiles, nec	
2091	Cottonseed oil mills	6	Wooden containers	2441 2442 2443 2445	Nailed wooden boxes and shook Wirebound boxes and crates Veneer and plywood containers Cooperage	6
2095 2094 2095 2096	Vegetable oil mills, nec Grease and tallow Animal oils, nec		All other wood products	2411 2421 2426	Logging camps and contractors Sawmills and planing mills Hardwood dimension and	5
2031 2032 2033 2034	Canned and cured seafoods Canned specialties Canned fruits and vegetables Dehydrated fruits and vegetables	2		2429 2431 2432 2433 2491 2490	Special product sawmills, nec Millwork plants Veneer and plywood plants Prefsbricated wood products Wood preserving	
2036 2037 2041 2042 2043 2044 2045	Fresh or frozen packaged fish Frozen fruits and vegetables Flour and meal Prepared animal feeds Cereal preparations Rice milling Blended and prepared flour		Furniture and fixtures: Household	2511 2512 2514 2515 2519	Wood furniture, not upholstered Wood furniture, upholstered Metal household furniture Mattresses and bedsprings Household furniture, nec	1
2051 2052 2061 2062 2063 2071	Bread and related products Biscuits and crackers Raw came suger Cane sugar refining Beet sugar Confectionery products		All other furniture	2521 2522 2531 2541 2591 2599	Wood office furniture Metal office furniture Public building furniture Partitions and fixtures Venetian blinds and shades Furniture and fixtures, nec	3
2073 2097 2098 2099	Chewing gum Manufactured ice Macaroni and spaghetti Food preparations, nec		Paper and allied products; Pulp, paper, etc.: Pulp and paperboard mills mills, except building	2621	Pulp mills Paper mills, except building	6
2111 2121 2131 2141	Cigars Chewing and smoking tobacco	5	Building paper	2631	Paperboard mills Building paper and board mills	5
2211 2221 2231	Weaving mills, cotton Weaving mills, synthetics Weaving, finishing mills, wool	6	Paperboard containers	2651 2652 2653 2654 2655	Folding paperboard boxes Set-up paperboard boxes Corrugated shipping containers Sanitary food containers Fiber cans, tubes, drums, etc.	6
2251 2252 2253	Full-fashicned knitting mills Seamlesa hosiery mills Knit outerwear mills	1	Other paper and allied products: Die-cut paper and board	2645	Die-cut paper and board	2
2254 2256 2259	Knit underweer mills Knit fabric mills Knitting mills, nec		Other paper products	2641	Pressed and molded pulp goods Paper coating and glazing Envelopes	6
2271 2272 2279	Woven carpets and rugs Tufted carpets and rugs Carpets and rugs, nec	1		2643 2644 2649	Bags, except textile bags Wallpaper Paper and board products, nec	
2241 2261 2262 2269 2281 2282	Narrow fabric mills Finishing plants, cottom Finishing plants, synthetics Finishing plants, nec Yarn mills, except wool Throwing and winding mills	6	Newspapers, books, and periodicals	2711 2721 2731 2732	Newspapers Periodicals Books, publishing and printing Book printing	2
2284 2291 2292 2295 2294	Wool yarn mills Thread mills Felt goods, nec Lace goods Padding and upholstery filling Processed textile waste		Other publishing and printing	2741 2751 2752 2753 2761 2771	Miscellaneous publishing Printing: Letterpress Printing: Lithographic Engraving and plate printing Manifold business forms Greeting cards	6
	2015 2021 2021 2021 2021 2022 2022 2022	201) Propured mests Oreamery butter Condensed and evaporated milk Condensed and condensed and condensed Condensed and condensed and condensed Conden	2013 Poultry dressing plants 2021 Poultry dressing plants 2021 Condensed and evapors ted milk 2022 Condensed and evapors ted milk 2023 Poultry products 2034 Poultry products 2035 Poultry products 2036 Poultry products 2037 Plant milk 2038 Poultry products 2039 Poultry products 2040 Poultry products 2051 Poultry products 2052 Poultry products 2053 Poultry products 2054 Poultry products 2056 Poultry products 2057 Poultry products 2058 Poultry products 2059 Poultry products 2050 Poultry products 2050 Poultry products 2051 Poultry products 2052 Poultry products 2053 Poultry products 2054 Poultry products 2055 Poultry products 2056 Poultry products 2057 Poultry products 2058 Poultry products 2059 Poultry products 2050 Poultry products 2051 Poultry products 2052 Poultry products 2053 Poultry products 2054 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fruits and wagetables 2019 Protection fruits and wagetables 2019 Protection fruits and wagetables 2019 Matural mest flugues 2010 Matural mest flugues 2011 Confectionery products 2012 Matural mest flugues 2012 Matural mest flugues 2013 Confectionery motors 2014 Note on milling 2015 Matural mest flugues 2016 Matural mest flugues 2017 Obering contents 2018 Seales motors motors 2019 Matural mest flugues 2010 Matural mest flugues 2011 Confectionery mills 2012 Matural mest flugues 2013 Matural mest flugues 2014 New young mills, synthetics 2015 Matural mest flugues 2016 Frein force milling 2017 Obering and emoking tobacco 2018 Notice may fill shift melling plants, nec 2018 Matural mest flugues 2019 Matural mest flugues 2010 Matural mest flugues 2011 Confectionery mills 2012 Matural mest flugues 2013 Matural mest flugues 2014 New young mills, synthetics 2015 Matural mest flugues 2016 Matural mest flugues 2017 Obering and emoking tobacco 2018 Through gram 2018 Matural mest flugues 2019 Matural mest flugues 2010 Matural mest flugues 2010 Matural mest flugues 2010 Matural mest flugues 2011 Matural mest flugues 2012 Matural mest flugues 2013 Matural mest flugues 2014 Matural mest flugues 2015 Matural mest flugues 2016 Matural me	2011 Property careful plants 2012 Property careful plants 2013 Property careful plants 2014 Property careful plants 2015 Condensed and everyorsted milk 2026 Condensed and everyorsted milk 2027 Special dairy products 2028 Miles and frome descents 2029 Special dairy products 2029 Special dairy products 2029 Special dairy products 2029 Special dairy products 2020 Special dairy products 2020 Special dairy products 2020 Special dairy products 2021 Special dairy products 2022 Special dairy products 2023 Special dairy products 2024 Miles and broady suggested and everyors are suggested as a special dairy product of the special dairy products 2024 Miles and survey careful plants 2025 Dairy Special dairy products 2026 Special dairy products 2027 Special dairy products 2028 Special dairy products 2029 Connect of milks 2020 Connect of milks 2021 Connect of milks 2020 Connect of milks 2021 Connect of milks 2021 Connect of milks 2022 Connect of milks 2023 Connect from the same special dairy products 2024 Connect of milks 2025 Pickles and source 2026 Connect of milks 2027 Connect of milks 2028 Connect of milks 2029 Connect of milks 2020 Connect of milks 2021 Connect of milks 2020 Connect of milks 2021 Connect of milks 2021 Connect of milks 2022 Connect of milks 2023 Connect of milks 2024 Connect of milks 2025 Pickles and source 2026 Connect of milks 2027 Connect of milks 2028 Connect of milks 2029 Connect of milks 2020 Co

Composition of Monthly Industry Survey Categories in Terms of 1957 Standard Industrial Classification System-Continued

Monthly Industry Survey category	_	Comparable SIC industries	Market group-	Monthly Industry Survey category		Comparable SIC industries	Marke group
0008013	Code	Description	group- ing	category	Code	Description	ingi
Printing and publishing— Con. Other publishing and printingCont.	2789 2791 2793	Bookbinding and related work Typesetting		Stone, clay and glass products—Con. Other stone, clay and glass products	3211	Flat glass	5
	2794	Photoengraving Electrotyping and stereo- typing			3229 3231 3241 3251	Pressed and blown glass, nec Products of purchased glass Cement, hydraulic Brick and structural tile	
Chemicals and allied products: Industrial chemicals,					3255 3255 3259	Ceramic wall and floor tile Clay refractories Structural clay products, nec	
except pigments	2812 2813 2814 2815 2818 2819	Alkalies and chlorine Industrial gases Cyclic (coal tar) crudes Intermediate coal tar products Organic chemicals, nec	6		3261 3264 3271 3272 3273 3274	Vitreous plumbing fixtures Porcelain electrical supplies Comcrete block and brick Concrete products Ready-mixed concrete Lime	
Paints and related products	2816 2851 2852	Inorganic pigments Painta and varnishes Putty and calking compounds	5		3275 3281 3291 3292	Gypsum products Cut-stone and stone products Abrasive products Asbestos products	
Drugs, scaps and toiletries	2833 2833 2834 2841	Biological products Medicinals and botanicals Pharmaceutical preparations Soap and other detergents	2		3293 3295 3296 3297 3299	Gaskets and insulations Minerals: ground or treated Mineral wool Nonclay refractories Nonmetallic minerals, nec	
	2842 2843 2844	Polishes and sanitation goods Surface active agents Toilet preparations		Primery metals industries: Blast furnaces, steel mills	3312 3313	Blast furnaces and steel mills	6
Other chemical products: Fertilizers	2871 2872 2873	Fertilizers Fertilizers, mixing only Agricultural pesticides	6		3315 3316 3317	Steel wire drawing Cold finishing of steel shapes Steel pipe and tubes	
Other chemical products	2879 2821 2822	Agricultural chemicals, nec Plastics materials Synthetic rubber	6	Iron and steel foundries	3321 3322 3323	Grey iron foundries Malleable iron foundries Steel foundries	6
	2823 2824 2861 2891 2892 2893 2894 2895 2899	Cellulosic mun-made fibers Organic fibers, noncellulosic Gum and wood chemicals Glue and gelatin Explosives Printing ink Fatty acids Carbon black Chemical preparations, nec		Nonferrous metals	3331 3332 3333 3334 3339 3341 3352 3356 3357	Primary copper Primary lead Primary slue Primary slue Primary sluentnum Primary nonferrous metals, nec Secondary nonferrous metals Copper rolling and drawing Aluminum rolling and drawing Rolling and drawing, nec	6
Petroleum and coal products: Paving and roofing materials	2951 2952	Paving mixtures and blocks Asphalt felts and coatings	5		3357 3361 3362 3369	Nonferrous wire drawing, etc. Aluminum castings Brass, bronze, copper castings Nonferrous castings, nec	
Other petroleum products	2911 2992 2999	Petroleum refining Lubricating oils and greases Petroleum and coal products,	6	Other primary metals	3391 3392 3399	Iron and steel forgings Nonferrous forgings Primary metal industries, nec	6
Rubber and plastics products, nec: Tires and tubes	3011	nec Tires and inner tubes	4	Fabricated metal products: Metal cans, barrels and drums	3411 3491	Metal cans Metal barrels, drums and pails	6
Other rubber and plastics products, nec	3021 3031 3069	Rubber footwear Reclaimed rubber Fabricated rubber products,	6	Hardware, fabricated structural metal products and wire products: Outlery, hand tools,			
	3079	nec Plastics products, nec		hardware	3421 3423 3425	Cutlery Edge tools Hand saws and saw blades	1
Leather and leather products: Leather, industrial			6	Building materials and wire products	3429	Handwaye was	5
products and cut stock	3111 3121 3131	Leather tanning and finishing Industrial leather belting Footwear, cut stock		wire products	3431 3432 3433 3441 3442	Hardware, nec Plumbing fixtures Plumbing fittings, brass goods Nonelectric heating equipment	-
Other leather products	3141 3142 3151 3161 3171	Footweer except rubber House slippers Leather goods Luggage Handbags and purses	1		3442 3443 3444 3444 3449 3481	Fabricated structural steel Metal doors, sash, and trim Boiler shop products Sheet metal work Miscellaneous metal work, nec Fabricated wire products, nec	
Stone, clay and glass products:	3172 3199 3221	Small leather goods Leather goods, nec	6	Other fabricated metal products	3451 3452	Screw machine products Bolts, nuts, washers and	6
Glass containers Kitchen articlesand pottery	3262 3263 3269	Vitreous china food utensila Earthenware food utensila Pottery producta, nec	1		3461 3471 3479	rivets Metal stampings Plating and polishing Metal coating, engraving, etc.	

Composition of Monthly Industry Survey Categories in Terms of 1957 Standard Industrial Classification System-Continued

Monthly Industry Survey		Comparable SIC industries	Market	Monthly Industry Survey		Comparable SIC industries	Market group-
category	Code	Description	group- ing1	category	Code	Description	group- ing1
Fabricated metal products— Con. Other fabricated metal products—Con.	3492 3493 3494 3496 3497 3498 3499	Safes and vaults Steel springs Valves and pipe fittings Collapsible tubes Metal foil and leef Fabricated pipe and fittings Fabricated metal products,mee		Electrical machinery—Con, Household appliances, including radio and TV	3631 3632 3633 3634 3635 3636 3639 3651 3652	Household cooking equipment Household audury equipment Electric housewares and fans Household aucuum cleaners Sewing machines Household ayoliances, nec Endio and TV receiving sets Phonograph records	1
Machinery, except electrical: Engines and turbines: Steam engines and			,	Communication equipment	3661 3662	Telephone; telegraph apparatus Radio, TV, communication equipment	3
turbines Internal combustion engines	3511 3519	Steam engines and turbines Internal combustion engines	6	Electronic components	3671 3672 3673	Electron tubes, receiving type Cathode ray picture tubes Electron tubes, transmitting	6
Farm machinery and equipment	3522	Farm machinery and equipment	3	Other electrical machinery.	3641 3642	Electronic components, nec Electric lamps Lighting fixtures	6
Construction, mining, and material handling	3531 3532 3533 3534 3535	Construction machinery Mining machinery and equipment Oil field machines and equipment Elevators and moving stairways Conveyors			3643 3644 3691 3692 3693	Current carrying devices Noncurrent carrying devices Storage batteries Primary batteries, dry and wet X-ray and therapeutic apparatus	
	3536 3537	Hoists, cranes, and monorails Industrial trucks and tractors			3694 3699	Engine electrical equipment Electrical products, nec	
Metalworking machinery	3541 3542 3548	Metal-cutting machine tools Metal-forming machine tools Metalworking machinery, nec	3	Transportation equipment: Motor vehicles and parts	3717 3713 3715	Motor vehicles and parts Truck and bus bodies Truck trailers	4
Miscellaneous equipment: Machine tools, accessories, etc	3544 3545	Special dies and tools Machine tool accessories	6	Aircraft and parts: Complete aircraft	3721 1925	Aircraft Complete guided missiles	3
	3562 3565 3566	Ball and roller bearings Industrial patterns Power transmission equipment		Aircraft parts	3722 3723 3729	Aircraft engines and parts Aircraft propellers and parts Aircraft equipment, nec	6
Machine shops	3599	Machine shops	6	Other transportation			
Special industry machinery.	3551 3552 3553 3554 3555 3559	Food products machinery Textile machinery Woodworking machinery Paper industries machinery Printing trades machinery Special industry machinery, nec	3	equipment: Ship building and railroad equipment	3731 3741 3742	Ship building and repairing Locomotives and parts Railroad and street cars	3
General industrial machinery	3561 3564 3567 3569	Pumps and compressors Blowers and fans Industrial furnaces and ovens General industry machinery, nec	3	Other transportation equipment	3732 3751 3791 3799		14
Office and store machines	3571 3572 3576 3579	Computing and related machines Typewriters Scales and balances Office machines, nec	3	Instruments and related products: Scientific and engineering.	3811 3821 3822 3831	Mechanical measuring devices Automatic temperature controls	3
Service industry machinery.	3581 3582 3584 3585 3586 3589	Automatic vending machines Commercial laundry equipment Vacuum cleaners, industrial Refrigeration machinery Measuring and dispensing pumps Service industry machines, nec	3		3841 3842 3843	Surgical and medical instruments Surgical appliances and supplies	
Electrical machinery: Electrical transmission and distribution equipment	3611 3612	Electric measuring instruments		Other instruments: Ophthalmic goods, watches, and clocks Photographic goods,	3851 3871	Watches and clocks	1
Electrical industrial apparatus	3613 3621	Switchgear and switchboards Motors and generators	6	watchcases	3861 3872		6
	3622 3623 3624 3629	Industrial controls Welding apparatus Carbon and graphite products Electric industrial goods, nec		Other durable goods: Miscellaneous personalgoods	3911 3912 3913	Jewelers' findings and materials	1

Composition of Monthly Industry Survey Categories in Terms of 1957 Standard Industrial Classification System-Continued

Monthly Industry Survey		Comparable SIC industries	Market group-	Monthly Industry Survey		Comparable SIC industries	Market group-
category	Code	Description	ing	category	Code	Description	ingi
Other durable goods—Con. Miscellaneous personal goods—Con.	3914 3931 3941 3942 3943 3949 3961 3962 3964 3982 3983 3984 3987 3992	Silverware and plated ware Masical instruments and parts Games and type, nee Dolls Sporting and athletic goods, Costume jewelry Artificial flowers Enttons Needles, pins, and fasteners Herds murface floor coverings Gamiles Lamp shades Furs, dressed and dyed Umbrellas, parasols, and cames		Other durable goods—Con. Other durable goods Order durable goods		Leed pencils and art goods Marking devices Carbon paper and inhed ribbons Morticians' goods Signs and advertising displays Moscellameous products, nee Moscellameous products, nee Guns, howitzers, and mortars Artillery ammunition Ammunition loading Ammunition, in components Tunks and tank ecomponents Geall arms, 50 mm and under Seall arms, 50 mm and under Seall arms, 50 mm and under	}
		L	l		1		L

¹Market classification codes are:

^{1 -} Home goods and apparel

^{1 -} Home goods and appears
2 - Occusions stables
4 - Automotive equipment
5 - Construction stables
6 - Other materials, supplies, and intermediate products
6 - Other paterials and supplies and intermediate products

126 APPENDIX C

Conversion of 1945 Standard Industrial Classification System To Obtain Comparable Monthly Industry Survey Benchmark Levels

Monthly Industry Survey	SIC compos terms	of	1954 value of	Remarks	Monthly Industry Survey	SIC compos terms	of	1954 value of	Remarks
Category	1957 SIC	1945 SIC ¹	shipments (millions) ²		Category	1957 SIC	1945 SIC ¹	(millions)2	TOO ING! AL
Food and kindred products	20	XXX	XXX		Lumber and wood products	24	xxx	xxx	
Meat products	201	201 +20994	13,139 152	(3)	Wooden containers	244	2441 +2443 +2444	31 8 352	
		+2033713 +2033715	430	(5)			+2445	61	
		+2033719	31	(5)	All other lumber products.	241-3, 249	241 +242 +243	774 368 163	
Dairy products	202	202	xxx 3,812	(6)			+2442 +249 +3982	11 580 40	
Beveragea	208	208 +2095	1,189 459				+2561011 +2561031 +2274153	12 74 5	(5) (5) (5)
		+2033481 +2033483	} 732	(5)	Furniture and fixtures	25	xxx	xxx	
Other food and kindred products	203-7,	XXX	XXX		Household furniture	251	251	2,696	
Fats and oils	209	xxx	xxx		Other furniture	25 2- 9	xxx 252 +2531	266 164	
		2881 2882 2883	592 140				+2541 +2562	41:7 64	
		2884 2886	877 166 237				+2563	114	
		2889 2092	67 935				+2532011	+4	(5)
All other foods	203-7.	2093 xxx	192 xxx		Paper and allied products: Pulp, paper, and board				
	2097-99	203 -2033481	3,812	(5)	mills Pulp and paperboard	261-3, 266	XXX	xxx	
		-2033483 -2033713	732		mills, except building.	261-3	2611 +2612	1,577 379	
		-2033715 -2033719 +204	2,002	(5)			-2611931 -2611935	7 ₁₅ 76 77	(⁵)
		+205 +206 +207	4,152 1,233 1,628		Building paper	2661	-2611945 -2611952 2613	77 8 305	(⁵)
		+2091 +2094	71		Paperboard containers and				
		+2097 +2098	464 143 155		boxes	265	2671 2674	2,209 149	
		+2099 - 20994	3,256 152	(3)			+26993 +2699511 +2699531 +2699598	4457	(2)
Tobacco products Textile mill products	21	21	3,371				+2699667	28	()
Weaving mills	221-3	XXX	XXX		Other paper and allied		+2699668	11	,
		2213 +2216	890 33		products Die cut paper and board;	264	XXX	XXX	
		+2233 +2234 +2399111	2,838 1,154 412	(⁵)	pressed and molded pulp goods	2645, 46	xxx	xxx	
Knitting mills	225	225	2,209	()		,	2691 2694	216 42	
Other textile goods Floor covering mills	224, 226-9	XXX	XXX		Other paper products	2641-44, 2649	xxx 2641	300x 639	
		2271 +2273	454 175				2651 2661 2693	205 639 40	
All other textiles	224, 226, 8, 9	2211 +2212	XXX 94 252				+26991 +26992	105 89)
		+222 +2241	99 263				+26994 +2699551	470 7	
		+2261 +229	1,003 915				+26996 -2699631	256	(3)
Apparel and related products,	23	xxx 23	12,037				-2699632 -2699657	36	
		+228 -2399071 -2399111	117 (NA) 412	(5)			-2699658 -2699667 -2699668	28 10)
		+3729011	720	(⁵)			+38421	64	(³)

APPENDIX C 127

Conversion of 1945 Standard Industrial Classification System To Obtain Comparable Monthly Industry Survey Benchmark Levels-Continued

		Dui	vey bener	ıııı aı ĸ	Levels-Continued				
Monthly Industry Survey	SIC compos terms o	ition in	1954 value of	Remarks	Monthly Industry Survey	SIC compos terms o	ition in	1954 value of	Remarks
Category	1957 SIC	1945 SIC ¹	shipments (millions) ²	Remarks	Category	1957 SIC	1945 SIC ¹	shipments (millions)2	
Printing and publishing Newspapers, periodicals, books	27 2711-32	xxx 2711 +2721 +273	xxx 3,092 1,470 934		Rubber and plastics prod- ucts, nec Tires and inner tubes	30 301	xxx xxx 3011 +30991 +3099961	xxx xxx 1,842 31) (³)
Other printing and pub- liahing	2741-2799	xxx 2741 +2751 +2761 +2771 +278 +279 +2699657	xxx 235 2,202 963 220 292 448	(5)	Other rubber and plastics products, nec.	302-307	xxx 3021 3031 3099 -30991 -3099961 +2014071	171 64 1,677 31 1	} (³)
		+2699658 +2699631 +2699632	36	(5)	Leather and leather products Leather, industrial prod-	31	XXX	XXX	
Chemicals and allied products Industrial chemicals, exc.	28	xxx	xxx		ucts, and cut stock	3111-31	3111 3121	713 67	
pigments	2812-15, 18, 19	xxx 281 +2821 +2822 +2829 -2829471 +2896 +2899323	2,412 79 743 2,199 8 201 35	(⁵)	Other leather products	314-319	3131 xxx 314 315 316 317 319 +3986	260 xxx 1,900 46 173 252 51 65	
Paints and related products	2816, 2851-2	xxx 285 +2842351 +2842355 +2842363	1,993 5 4	(5)	Stone, clay, and glass products	32 3221	xxx 3221	xxx 646	
Drugs, soaps, toiletries	283-4	+28952 xxx 283 +284 +2893	3 xxx 2,020 1,582 667)	pottery	3262-3, 69	3262 3263 3265 3265 3269	45 66 4 55	
		+28991 -2899161 -2899183 +2899331 +2899332 +2899333 +2899351 +2899471	52 1 4 2 23 14 4 8	(3)	Other stone, clay, and glass products	321, 3229- 61, 3264, 327-329	xxx 321 3229 323 324 325 3261 3264 327	322 416 387 815 612 128 78 1,298	
Other chemical products	282, 286-9	2823 +2824	1,255 362				328 329	182	
		+2825 +2826 +286	1,242 395 143		Primary metal industries Blast furnaces and steel	33	xxx	XXX	
		+287 +2887 +2891 +2892 +2894 +2897	945 61 184 21 139		mills	331	331 +293 +3393 +3481 -3481051 +33991	13,605 1,241 536 34 5	(5)
		+2898 +3985 +28951	72 22 101	(3)			+33992	177	(3) (3)
		+2899161 +2899183 +28992 +28993 -2899323 -2899331 -2899332	1 4 17 427 35 2 23	(3)	Nonferrous metals,	333-6	333 334 335 +3361 -3361087	2,196 742 2,512 885 10	(5)
		-2899333 -2899351 -2899374	14 4 16	1			+3392 -33921	1,266 177	} (3)
Petroleum and coal products	29	xxx	xxx 565				+3631	323	
Paving and roofing materials Other petroleum products	295 291, 299	295 xxx 2911	xxx 12,182				+3497015 +3497017	4186	(3)
See footnotes at end of tab	le.	+299	329	1			+3489261	51	(8)

Monthly Industry Survey	SIC compo terms	of	1954 value of	Remarks	Monthly Industry Survey	SIC compos terms	of	1954 value of	Remarks
Category	1957 SIC	1945 SIC ¹	shipments (millions)2	100000	Category	1957 SIC	1945 SIC ¹	shipments (millions) ²	
Primary metal industries— Continued Other primary metala	332, 339	xxx 332 +3391 +33994 +33995 +33996	xxx 2,195 603	(3)	Fabricated metal producta Continued Construction and like equipment.	353	xxx 353 +35212 +35214 +35216 +35218	xxx 1,675 46 267 18	(3)
Fabricated metal products Metal cans, barrels, and drums	34 341, 3491	xxx xxx 3411	xxx xxx 1,381				+3562 +3563 -35632 +3565	167 479 28 260) (3)
Hardware, fabricated struc- tural, metal, and wire products.	342-4,	3491 xxx	225 xxx		Metalworking machinery	3541, 42, 48	xxx 3541 +3542 +35891	xxx 1,172 840 32	(3)
Gutlery, hand tools, hardware	3481	xxx 3421 -3421157 +3422 +3423	xxx 174 2 70 257	(5)	Miscellaneous equipment	3544, 45, 62 3565-6, 359	xxx 3544 +3545 +3566 -3566113 -3566246	XXX 931 487 604 (NA) (NA)	} (3)
Building materials and wire products	3429-33, 344, 3481	+3425 xxx 3424 3429 3431	27 1,126 468				+3593 +3594 +3599 -3599411 +3361087	544 194 1,108 57) (³)
		3432 +3439 -34394 -34396 -34397 -3439993 +3489	45 1,102 167 217 42 28 769) (3)) (8)	Special industry machinery	3561, 64, 67, 69	3561 3564 3567 -3567131 -3567232 -3567234 +35693	xxx 975 280 160 7	(⁵)
Other fabricated metal	345-347.	-3489201 +35691 +3568 -3429571	51 140 14 14	(³)	Office machines, nec	357	+36191 +3619311 +3619319 xxx 3571	11 5 12 xxx 614	} (3)
products	3492-99	xxx 346 +349 -3491 -3497011 -3497015	2,205 2,007 2,007 225	(3)			-3571022 +3572 +3576 -3576071	13 173 64 3	(⁵)
		-3497017 +3591 +3592 +3429571	989 250 13	(5)	Service industry machines.	358	+35793 xxx 3582 +35842	192 xxx 104 5	(³)
Machinery, except electrical. Engines and turbines	35 351	XXX	XXXX				+3585 -35851	2,254 758	} (3)
Steam engines and tur- bines	3511	3511 +3519309 +3519451	} 450 761				-35852 +3586 +35751	184 111 34)
Internal combustion engines	3519	xxx 3519 -3519309 -3519451	xxx 891 761				+3579251 +3589 -35891 -3589211	(NA) 172 32 18)
Farm machinery and equip- ment	352	xxx 35211 +35213 +35215	200x 384 25 267	.(3)			-3589213 -3589231 -3589271 -3589295	12 7 19 26) (3)
See footnotes at end of tabl		+35217 +3522 +35632 +3421157	13 1,096 28 2	(³) (⁵)			+35997 +34397 +36215 +3621615	42 51 17 3	(³) (⁵)

Monthly Industry Survey	SIC composition in terms of		1954 value of		Monthly Industry Survey	SIC compos terms		1954 value of	
Category	1957 SIC .	1945 SIC ¹	shipments (millions) ²	Remarks	Category	1957 SEC	1945 SIC ¹	shipments (millions) ²	Remarks
Electrical machinery Electric distribution products	36 361	xxx 3613 +3615 +3616 -36162	xxx 368 689 1,097 308	} (³)	Electrical machinery—Con, Other electrical machinery	364, 9	xxx 3471 +3611 +3641 +3651 +369 -36992	xxx 660 584 612 331 684 24	(3)
Electric industrial apparatus	362	xxx 3612 +3614 +36162	xxx 112 1,454 308	(3)	Transportation equipment	37	+3661588 +3441461 +3669351 xxx	760 (NA) 9	(*) (*)
Household appliances, inc.	262 5	3617 3619 -36191 -3619311 -3619319	180 183 11 5	}(3)	Motor vehicles, trucks, and bodies	3713, 15, 17	xxx 371.3 371.5 371.7 +3566113 +2399071 +3599411	257 317 21,135 (NA) (NA) 57	(3) (5) (3)
radio and TV	363, 5	3621	795		Aircraft and parts	372	XXX	XXX	()
		-36215 -3621615	17 3) (5)	Complete aircraft	3721	3721	6,563	
		+3581 +3583 +35841	541 104 139	(3)	Aircraft engines and parts	3722-3729	3722 3723 3729	3,623 215	
		+35851 +35852	758 184	} (5)			-3729011 +3566246	2,343 20 (NA)	(3)
		+34394 +34396	167 216	} (3)	Other transportation equipment	373, 3741-	xxx	xxx	(-)
		+3589211 +3589213 +3589231 +3589271 +3589295	18 12 7 19 26	}(3)	Ship building and rail- road transportation equipment.	3731, 374	xxx 3731 374	xxx 1,084 944	
		+36612 +36613 +3661555 +3661564 +3661588 +3661585	389 1,244 46 7 68 4	(3)	Other transportation equipment	3751-99	xxx 3751 3716 3799	xxx 100 231 22	
		+3661587 +36616	4 35	(Instruments and related products	38	xxx	xxx	
Communication equipment	366	-3661641 -3661657 +3663 xxx	10 6 93)	Scientific instruments	381-4	3811 +3821 +3831	581 804 83	
communication equipment	300	3664 +3661312 +36614	797 1 1,482)			384 -38421 +2532	480 64 65	(3)
		+3661657 +36617 +3669 -3669351	1,462 6 93 100 9	(5)			-2532011 +3571022 +2342321 +3576071	12 1 3	(⁵) }(⁵)
Electronic components	367	xxx	xxx				+36992	24	(3)
		3662 +36611	709)	Other instruments Ophthalmic goods,	3851-72	xxx	xxx	
		+36615 -3661555 -3661558 -3661564 -3661585	971 45 68 7 3	(3)	vatches, and clocks	3851,71	xxx 3851 +3871	159 344	
		-3661585 -3661587 -3661588 +3661641	760 10		Photographic goods, watchcases	3861, 72	xxx 3861 +3872	960 35	

Monthly Industry Survey Category	SIC composition in terms of		1954 value of	B	Monthly Industry Survey	SIC compos terms		1954 value of	
	1957 SIC	1945 SIC ¹	shipments (millions) ²	Remarks	Category	1957 SIC	1945 SIC ¹	shipments (millions) ²	Remarks
Miscellaneous manufacturing, including ordnance. Miscellaneous manufactured goodspersonal.	39, 19 3911-49, 3961-87, 3992, 95	XXX 391 +393 +394 +396 +3981 +3983 +3984 +3987 +3992 +3995 +2274 -2274153	xxx 601 169 923 578 227 61 30 39 29 29 22 182	(5)	Miscellaneous manufacturing, including ordnunce-Com, Miscellaneous manufactured goodsother	395, 3988, 3993, 3999	xxx 395 +3991 +3993 +3994 +3996 +3998 +2899374 +3579218 +3579298	xxx 348 21 362 14 11 235 177 8 30 18 4,202	(⁵) } (³)

PERCENTAGE BREAKDOWN OF OLD SIC INDUSTRY CODES BY MONTHLY INDUSTRY SHRVEY CATEGORIES

	PERCENTAGE STEADLOWN OF OLD SIC INDUSTRY CODES BY MUNTHLY INDUSTRY SURVEY CATEGORIES												
SIC	code												
OLD	NEW	1947	1949	1950	1951	1952	1953	1954	1955	1956	1957		
2099	2015	15	12	10	8	6	7	5	5	5	4		
	2099	85	88	90	92	94	93	95	95	95	96		
2699	264	34	34	34	35	35	36	36	37	38	39		
	265	66	66	66	65	65	64	64	63	62	61		
2895	2816 2895	0 100	0 100	0	0 100	0 100	0 100	0 100	0 100	0 100	0		
2899	284	14	16	18	19	20	21	22	22	21	21		
	287-9	86	84	82	81	80	79	78	78	79	79		
3099	3011	2	2	2	2	2	2	3	3	3	3		
	3069	98	98	98	98	98	98	97	97	97	97		
3392	331	24	24	25	26	22	27	26	28	26	28		
	335	76	76	75	74	78	73	74	72	74	72		
3399	331	51	52	53	55	49	56	67	72	64	62		
	339	49	48	47	45	51	44	33	28	36	38		
3439	3433	59	61	61	63	63	64	63	61	63	63		
	3589	4	4	4	4	4	4	4	4	4	4		
	363	37	35	35	33	33	32	33	35	33	33		
3497	3352	15	15	15	15	15	17	21	28	31	26		
	3497	85	85	85	85	85	83	79	72	69	74		
3521	352	71	71	72	72	60	57	68	56	43	46		
	353	29	29	28	28	40	43	32	44	57	54		
3563	352	5	5	5	5	5	5	5	5	4	4		
	353	95	95	95	95	95	95	95	95	96	96		
3566	3566	89	88	88	87	87	87	85	85	85	85		
	3717	10	10	10	10	10	10	11	11	11	11		
	3729	1	2	2	3	3	3	4	4	4	4		
3569	3433	17	19	20	21	27	28	38	28	29	33		
	3569	83	81	80	79	73	72	62	72	71	67		
3579	3579	82	83	84	86	85	80	71	73	75	77		
	3581	8	8	8	8	8	10	15	14	15	15		
	3999	10	9	8	6	7	10	14	13	10	8		
3584	3584 363	0 100	100	100	100	0	0	0 100	0	0	0 100		

xxx Not applicable.

AM Not available,

AM Not avai

PERCENTAGE BREAKDOWN OF OLD SIC INDUSTRY CODES BY MONTHLY INDUSTRY SURVEY CATEGORIES—Continued

PROCESSING BREAKDOWN OF OLD SIC INDUSTRI CODES BY PENTHEI INDUSTRI SURVEY CREACURED—CONTINUED													
SIC	code												
OLD	NEW	1947	1949	1950	1951	1952	1953	1954	1955	1956	1957		
3585	358	38	35	35	32	35	44	54	51	58	61		
	3632	62	65	65	68	65	56	46	49	42	39		
3589	3548	25	25	25	25	25	25	25	22	19	15		
	3589	53	53	52	52	51	51	50	48	45	43		
	3639	22	22	23	23	24	24	25	30	36	42		
3599	3599	97	97	97	97	97	96	96	95	95	95		
	3717	3	3	3	3	3	4	4	5	5	5		
3616	3613	73	74	74	69	69	72	72	69	66	67		
	3622	27	_ 26	26	31	31	28	28	31	34	33		
3619	3567	14	14	14	13	13	13	12	11	9	10		
	3629	86	86	86	87	87	87	88	89	91	90		
3661	3643	1	1	1	1	1	1	1	1	1	1		
	3651	58	50	50	48	37	37	37	40	39	36		
	3662	18	20	21	23	33	33	38	33	33	36		
	3679	23	29	28	28	29	29	24	26	27	27		
3699	3699	81	80	80	79	78	79	75	76	76	75		
	3842	19	20	20	21	22	21	25	24	24	25		
3842	2649	16	16	16	17	16	15	19	18	22	21		
	3842	84	84	84	83	84	85	81	82	78	79		

APPENDIX D

Monthly Calendar Adjustment Factors for 5, 1/2, 1/2, Trading-Day Adjustment and Other Selected Trading-Day Adjustments, Monthly: 1953-1964 (In addition to trading-day weights, factors are adjusted to represent 1/12 or a year)

(In addition to training-may weighte, factors are submoved so represent 4 to 5 -5 -5 -5												
Series, selected weights, and year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Shipments and new orders for series other than those shown below (M T W T F S S) (1 1 1 1 1 1 1/2 1/2)												
1953 1954 1955 1956 1956 1957	1.016 .997 .997 1.016 1.035 1.035	.920 .920 .920 .958 .920	1,016 1,035 1,035 1,016 .997	.997 .997 .977 .977 .997	.997 .997 1.016 1.035 1.035	.997 .997 .997 .977 .958	1.035 1.016 .997 1.016 1.035 1.035	.997 1.016 1.035 1.035 1.016 .997	.997 .997 .997 .958 .977 .997	1.016 .997 .997 1.035 1.035	.977 .997 .997 .997 .977	1.035 1.035 1.016 .997 1.016 1.035
1959, 1960, 1961, 1962, 1962, 1963,	1.016 .997 1.016 1.035 1.035	.920 .958 .920 .920 .920 .939	1.016 1.035 1.035 1.016 .997 1.016	.997 .977 .958 .977 .997	.997 1.016 1.035 1.035 1.035 .997	.997 .997 .997 .977 .958	1,035 .997 .997 1.016 1.035 1.035	.997 1.035 1.035 1.035 1.016 .997	.997 .997 .977 .958 .977 .997	1.016 .997 1.016 1.035 1.035 1.016	.977 .997 .997 .997 .977	1.035 1.016 .997 .997 1.016 1.035
Shipments and new orders for series on "Newspapers, periodicals, books" (M T W T F S S) (7 1 1 1 1 1 1-1/2)												
1953. 1954. 1955. 1956. 1957.	1.012 1.027 1.027 1.027 1.012 1.012	.920 .920 .920 .951 .920 .920	1,027 1,012 1,012 1,012 1,027 1,027	.981 .981 .981 .997 .981	1.027 1.027 1.027 1.012 1.012 1.012	.981 .981 .981 .981 .997	1,012 1,012 1,027 1,027 1,012 1,012	1,027 1,027 1,012 1,012 1,012 1,027	.981 .981 .981 .997 .997	1.012 1.027 1.027 1.012 1.012	.997 .981 .981 .981 .981	1.012 1.012 1.012 1.027 1.027 1.012
1959 1960. 1961. 1962. 1963.	1.012 1.027 1.027 1.012 1.012 1.012	.920 .951 .920 .920 .920	1,027 1,012 1,012 1,012 1,027 1,027	.981 .981 .997 .997 .981	1,027 1,027 1,012 1,012 1,012 1,027	.981 .981 .981 .981 .997	1.012 1.027 1.027 1.027 1.012 1.012	1,027 1,012 1,012 1,012 1,012 1,027	.981 .981 .981 .997 .997	1.012 1.027 1.027 1.012 1.012	.997 .981 .981 .981 .981	1.012 1.012 1.027 1.027 1.027 1.012
Shipments and new orders for "Tobacco" (M T W T F S S) (2 1 1 1 1 0 0)												
1953. 1954. 1955. 1956. 1957.	.997 .958 .997 1.035 1.035	.920 .920 .920 .958 .920 .920	1.035 1.073 1.035 .997 .958	.997 .997 .958 .997 1.035	.958 .997 1.035 1.035 1.035	1.035 .997 .997 .958 .920 .997	1.035 .997 .958 1.035 1.073	.997 1.035 1.073 1.035 .997 .958	.997 .997 .997 .920 .997	.997 .958 .997 1.073 1.035	.997 1.035 .997 .997 .958	1.035 1.035 .997 .997 1.035 1.073
1959 1960. 1961. 1962. 1963. 1964.	.997 .958 1.035 1.073 1.035	.920 .997 .920 .920 .920	1.035 1.035 1.035 1.035 .997 .958 1.035	.997 .958 .920 .997 1.035	.958 1.035 1.073 1.035 1.035	1.035 .997 .997 .958 .920 1.035	1.035 .958 .997 1.035 1.073 1.035	.997 1.073 1.035 1.035 .997 .997	.997 .997 .958 .920 .997	.997 .997 1.035 1.073 1.035 .997	.997 .997 .997 .997 .958 .997	1.035 .997 .958 .997 1.035 1.035
Shipments and new orders for "Pulp and paperboard mills, except building" (M T W T F S S) (1 1 1 1 1 1 1 1/2)												
1953 1954 1955 1956 1957 1957	1.026 1.008 1.008 1.008 1.026 1.026	.920 .920 .920 .955 .920	1,008 1,026 1,026 1,026 1,008 1,008	.991 .991 .991 .973 .991	1,008 1,008 1,008 1,026 1,026	.991 .991 .991 .993 .973	1.026 1.026 1.008 1.008 1.026 1.026	1.008 1.008 1.026 1.026 1.026	.991 .991 .991 .973 .973	1.026 1.008 1.008 1.026 1.026	.973 .991 .991 .991 .993	1.026 1.026 1.026 1.008 1.008 1.026
1999, 1960, 1961, 1962, 1963, 1964,	1.026 1.008 1.008 1.026 1.026 1.026	.920 .955 .920 .920 .920	1.008 1.026 1.026 1.026 1.008	.991 .991 .973 .973 .991	1.008 1.008 1.026 1.026 1.026 1.008	.991 .991 .991 .991 .973	1,026 1,008 1,008 1,008 1,026 1,026	1.008 1.026 1.026 1.026 1.026 1.026	.991 .991 .993 .973 .973	1,026 1,008 1,008 1,026 1,026 1,026	.973 .991 .991 .991 .991	1.026 1.026 1.008 1.008 1.008 1.008

APPENDIX E

Seasonal Factors for Series Components: January-December 1963

PART I-TOTAL INVENTORIES

	1963											
Category	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All manufacturing industries	100,2	100.7	100,5	100,4	100.8	100.4	99.5	99.7	99,6	99,5	99,5	99,5
Durable goods industries. Wooden containers. All other wood products.	99.8	100.6	100,9	100.9	101.4	101.0	99.5	99.6	99.4	99.2	99.1	98.8
	100.9	97.1	94,6	95.5	100.0	102.5	97.5	97.3	102.7	103.3	104.0	104.4
	100.1	101.1	100,3	97.3	98.1	98.8	100.7	100.4	102.9	100.6	100.0	99.4
Household furniture	100.5	100.6 100.5	102.4	103.6 104.6	102.8 104.5	101.6 103.7	101.4 101.4	99.3 98.2	97.7 96.6	96.9 95.7	95.7 96.1	98.3 95.4
Stone, clay and glass products	100,1	102.3	103.7	103.4	102.6	101.1	100.7	97.9	97.4	96.0	96.6	98.2
	99,2	101.8	102.0	103.0	102.1	101.6	102.2	98.0	96.0	97.9	98.9	97.2
	104,4	105.5	104.4	104.4	101.2	98.4	96.7	93.2	96.4	97.4	97.0	101.0
	100,4	102.6	104.1	103.7	102.9	101.4	100.7	97.8	96.3	95.6	96.3	98.5
Primary metals, Blast furnaces, steel mills, Nonferrous metals, Iron and steel foundries, Other primary metals,	101.6	100.9	99.7	98.6	98.0	98.3	99.0	99.4	99.8	100.9	101.3	102.5
	101.9	100.5	98.6	97.0	96.7	97.5	99.3	99.7	100.3	101.7	102.4	104.3
	100.4	100.3	100.0	99.9	99.3	99.5	100.3	99.8	100.2	100.0	100.0	100.2
	100.1	103.1	104.1	104.3	103.8	99.6	96.7	97.7	97.2	97.5	98.6	97.1
	99.2	101.1	102.9	102.9	103.1	102.6	99.1	98.5	98.8	98.0	97.7	97.4
Fabricated metal products. Metal cams, barrels and drums. Cutlery, hand tools, hardware. Building materials and wire products. Other fabricated metal products.	97.7	99.1	100.8	102.5	103.8	104.1	102.4	101.0	99.4	98.1	96.3	95.1
	91.5	98.4	104.2	108.2	112.0	114.2	112.4	104.4	93.9	90.5	87.0	83.3
	100.0	100.0	99.5	100.7	100.4	102.2	102.0	98.7	98.7	98.3	99.4	100.3
	97.5	98.7	100.7	102.2	103.8	103.6	102.0	101.4	100.2	98.6	96.2	95.1
	99.3	99.9	100.1	101.6	102.0	102.4	100.2	100.0	99.5	99.5	98.2	97.6
Machinery, except electrical. Engines and turbines. Steam engines and turbines. Internal combustion engines.	99.9	101.4	101.9	102.0	102.1	101.1	99.6	98.7	98.3	98,3	98.3	98.7
	97.9	100.2	98.7	101.7	102.1	98.5	99.7	100.5	99.9	101,7	101.5	98.4
	94.5	101.3	99.8	102.8	102.8	98.1	98.8	101.1	100.9	100,3	102.0	98.4
	101.1	102.8	101.2	100.9	100.9	97.4	97.0	98.6	97.4	101,1	101.3	100.9
Farm machinery and equipment	102,5	105.0	105.0	102.9	101.8	101.7	99.4	96.3	94.4	93.3	96.4	101,5
Construction, mining and material handling	100,9	102.2	103.5	102.6	101.6	100.5	99.4	98.1	97.0	97.3	97.5	99,2
Metalworking machinery	99,7	100.6	100.4	100.9	102.4	100.4	99.6	100.6	99.6	99.5	98.8	97,8
Machine tools, accessories, etc	100.2	101.5	101.9	102.3	103.1	102.3	98.0	97.6	97.7	98.2	98.5	98.9
	101.6	102.2	100.8	101.6	100.6	100.1	97.1	100.0	98.2	100.7	99.7	97.4
Special industry machinery. General industrial machinery. Office and store machines. Service industry machinery.	98.5	98.6	100.0	101.2	102.1	100.7	99.9	100.2	100,3	100,2	100.3	98.0
	99.9	101.3	101.5	101.4	101.7	101.2	99.9	98.9	99,1	99,1	98.0	98.2
	97.4	100.4	100.9	101.0	102.1	102.0	101.1	100.0	100,2	99,2	98.4	97.5
	100.6	102.8	103.9	103.9	103.1	101.8	99.2	96.8	96,2	96,3	96.0	99.1
Electrical machinery Electrical transmission and distribution equipment.	98.0 99.9	99.0	100.6	101.9	103,5	103,8	100.9	99.7 98.2	98.5 97.7	98.1	98.3 97.9	98.0
Electrical industrial apparatus	99,4	101.0	100,6	101.2	102.0	101.7	101,2	99.9	97.9	99,1	97.7	98,7
Household appliances including radio and TV Household appliances Radio and TV	96.4 97.7 94.2	101.5	100.5 103.4 95.3	105.0 106.9 99.0	109.2 110.4 104.7	107.7 108.4 105.3	104.1 103.7 104.9	96.0 103.5	96.2 92.7 103.8	90.6	91.8 97.9	96.0 96.0 96.4
Communication equipment. Electronic components. Other electrical machinery.	98.6	98.6	100.2	99.9	100.9	102.8	99.8	100.1	100.0	99.9	99.7	99.2
	96.2	98.0	100.2	101.2	103.5	104.2	100.8	101.1	100.0	99.6	99.0	96.9
	97.3	99.0	101.1	101.7	101.7	102.9	101.2	100.6	101.0	98.7	98.1	97.4
Transportation equipment. Motor vehicles and parts	100.7 103.5	101.4 103.0	101.0	100.1 99.6	100.9 98.5	99.5 96.6	96.0 89.6	98.2 97.1	100.9 104.6	101.8 103.7	101.2 102.5	99.1 101.2
Aircraft and parts	99.7	100.6	101.1	100.4	102.1	100.7	99.2	98.9	99.1	100.3	100.4	98.0
Complete aircraft.	99.7	101.0	101.6	101.9	102.2	100.8	98.9	99.1	98.6	99.9	99.9	96.6
Aircraft parts	100.5	99.6	99.9	100.0	100.2	100.0	98.2	98.8	100.7	100.7	101.1	100.3
Shipbuilding and reilroad equipmentOther transportation equipment	98.2 101.5	98.8 103.2	99.2 101.3	99,1	103.7	99.8 96.8	101.5 100.9	100,2 97,8	99.3 99.9	102.3 99.5	100.9 102.3	97.7 95.6
Instruments Scientific and engineering	98.7 99.0	99.7 99.6	99.8 100.5	100.4 100.1	101.4	101.9 101.2	100.5 101.1	100.7 99.6	99.5 99.0	99.9 99.4	99.9 99.6	97.9 99.4
Ophthalmic goods, watches and clocks	98.6 97.1	101.2 99.4	100.7 97.8	100.2 98.7	100.9 101.2	103.2 102.9	100.9 102.6	101.8	100.3 100.0	98.2 102.1	97.3 101.4	96.0 94.6
Miscellaneous personal goods.	97.5	99.2	100.4	101.2	102.6	103,6	102.8	101.1	99.9	97.7	97.0	96.9
Other durable goods.	101.7	99.3	100.2	98.6	100.4	99.0	102.4	102.0	99.2	99.1	100.1	99.0
Ordnance.	97.5	101.6	102.2	102.5	102.0	102,1	100.1	100.0	100.8	98.1	97.0	96.5
Nondurable goods industries. Food and related products. Meat products. Deiry products. Beverages. Fats and oils All other foods	100.9	100.7	100.0	99.5	99.9	99.9	99.4	99.8	99.6	100.0	100.3	100.5
	102.4	99.9	97.1	96.0	95.2	95.1	95.2	99.7	102.7	105.5	106.1	105.3
	103.6	102.1	103.8	103.7	102.1	99.9	94.8	93.6	93.3	97.5	104.1	102.4
	94.8	92.8	92.5	95.5	101.8	106.4	109.0	107.4	104.3	101.3	98.3	95.8
	98.5	99.7	100.1	101.2	101.7	101.7	101.2	100.7	99.1	100.3	97.2	98.2
	104.0	103.6	105.1	105.6	103.2	99.4	95.1	89.5	88.1	97.3	103.7	105.1
	104.0	99.5	93.9	91.3	89.2	89.4	91.2	101.4	107.9	111.1	111.6	109.9
Tobacco manufactures	106.0	104.5	103,4	101.0	98.4	95.7	93.3	94.8	98.1	100.2	100.5	104.3

APPENDIX E

Seasonal Factors for Series Components: January-December 1963-Continued PART I-TOTAL INVENTORIES-Continued

	1963											
Category												
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mondurable goods industries—Continued												
Textile mill products	100.1	101.4	102,2	102.8	104.9	103,8	101.7	99.4	97.2	93,8	96,1	97.0
Broadwoven fabrics	101.4	103.5	104.1	104,6	104,6	102.3	100.8	98.2	95.6	90.9	96,3	98,3
Knitting mills	94.6	96.4	100.1	104.8	110.7	112.6	108,0	101.0	96.9	94.8	90.2	90.1
Floor covering mills	99.5	105,1	102.1	101.4	102.4	101.6	99.8	98.1	98.8	96.5	97.8	95.2
All other textiles	102.0	100.7	101.0	101,0	102.4	101.0	77.0	90.1	90.0	90.5	3/./	100.7
Apparel and related products	98.0	98,6	98,2	99.4	105.5	108.4	108,9	104.9	97.7	94.5	93.5	92.5
Paper and allied products.	98.6	100.1	101.1	102.0	102.3	102,1	101,1	100.1	98.5	98.1	98.3	98,1
Pulp, paper, etc.	100.2	101.3	101.1	101.5	100.6	100.0	99.3	99.9	98.6	99,6	99,5	99.3
Pulp and paperboard mills except building paper,.	100.0	100.9	100.7	101.3	100.6	100.0	99.3	100.2	98.8	100.1	99.6	99.2
Building paper	103,8	106.7	105.3	103,2	99.8	99.0	98,1	95.7	95.9	95.1	96.9	101,1
Paperboard containers	98,1	99.0	100.4	101.1	101.6	102.3	101.8	101.2	99.2	99.5	99.3	97.0
Die cut paper and board	103.7	104.5	102.1	102.7	104.5	99.8	92.7	97.5	98.6	94.1	100.1	99.7
Other paper products, except die cut paper		99.6	102.1	104.0	105.1	104.6	102.9	99.6	96.4	95.5	95.5	97.6
and board	97.3	100.5	99.5	98.5	98.8	99.4	102.9	103.0	101.8	100.0	99.0	98.2
Other publishing and printing	98.2	100.8	101.8	101.8	101.1	101.5	102.9	104.4	99.3	100.0	97.9	89.9
Other publishing and printing	90.2	100.0	101.0	201.0	101,1	101.5	202,7	204.4		100.0	71.07	0,,,
Chemicals	100.8	101.8	102.3	100.9	99,6	100.2	99.5	99.5	98.2	98.0	98.2	100.6
Industrial chemicals except pigments	100.7	101.5	101,9	101.6	100,1	99.3	100.3	99.6	98.5	98.5	98.3	99.6
Paints and related products	100.6	102.2	103.5	101.7	101.0	100.7	98.9	98,9	97.1	96.9	98.9	99.8
Drugs, soap and toiletries	99.8	100.2	100.0	100.5.	101.2	103.8	100.4	99.7	98.1	98.2	98,1	100.4
Fertilizers	110.5	113,7	112,6	100,8	85.8	87,3	92.5	95.8	93,4	94.7	101.0	111.9
Other chemical products	99,1	99.9	100.5	99.9	100.3	101.6	101.5	100.4	100.7	99.5	97.9	99.2
Petroleum and coal products	97.6	97.2	97.9	99.2	99.3	99.9	100.0	100.8	101.9	103.4	102.2	101.2
Paving and roofing materials	91.6	99.2	100.4	101.7	103.6	103.7	102.6	105.4	102.3	101.4	96.2	91,5
Other petroleum products	97.5	97.0	97.7	99.1	99.1	99.7	100.8	100.4	102.5	103.3	102.0	101.2
Rubber and plastics products, nec	100.7	102.4	101.3	101.5	101.0	100.7	98.9	98.7	98.8	98.6	97.9	99.6
Tires and tubes.	100.6	102.7	103.4	102.6	101.0	100.5	98.6	97.8	98.4	98.2	97.3	98.8
Other rubber and plastics products, nec	100.7	102.1	101.1	100.8	100.8	100.6	98.8	99.2	99.1	98.7	98.4	99.9
Leather, industrial products and cut stock	99.6	99.9	100.8	101.2	100.6	100.5	101.6	100.1	98.4	99.2	98.6	99.7
Other leather products	101.0	99.1	97.5	99.1	104.3	105.9	102.3	97.5	96.1	97.9	98.9	100.5
Outer accounts productor;	201.0	77.1	71.5	29.1	204.5	200,0	202,5	-1.5	20.1	27.9	23.9	200.5

PART II -- MATERIALS AND SUPPLIES

						1	963					
Category	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All manufacturing industries	101.1	101.0	100.6	99.7	99.1	98,6	99.0	99,8	100.0	99.7	99.9	101.6
Durable goods industries, Lumber and wood products. Furniture and fixtures. Stone, clay and glass products. Prisary metals. Fabricated metal products.	99.7	99.6	99.1	98.6	99.0	99.5	99.3	100.9	101.7	101.3	100.8	100.8
	104.7	101.1	93.1	89.0	89.7	94.7	100.2	98.1	107.5	107.4	108.0	107.1
	99.9	100.2	101.9	102.0	101.2	100.3	101.1	99.9	98.6	97.7	97.7	100.2
	99.3	100.8	100.0	99.3	99.5	99.9	100.7	98.9	100.4	100.1	100.5	100.3
	100.6	97.4	94.7	92.4	93.6	96.3	100.1	103.1	104.3	105.9	105.6	105.9
	96.8	98.6	100.9	102.5	104.5	104.8	103.4	102.3	99.4	96.9	95.6	94.7
Machinery, except electrical. Electrical machinery Transportation equipment Instruments and related products. Other durable goods, including ordnance.	99.9	100.5	101,5	102,2	101.8	101,2	99.8	99.5	98.3	98.3	97.5	99.2
	98.3	98.9	100,0	101,0	100.9	100,1	102.0	101.0	100.6	99.7	98.9	99.2
	101.1	101.0	100,8	100,2	98.3	97,1	93.5	100.2	104.1	102.6	100.9	100.7
	101.4	100.8	101,1	100,4	101.0	101,0	98.7	100.3	98.6	98.3	98.7	99.8
	98.2	99.6	99,6	100,1	101.1	102,3	103.1	101.2	99.4	97.8	97.3	100.7
Nondurable goods industries. Food and kindred products. Tobacco products. Textile mill products. Apparel and related products. Paper and allied products.	102.7	102.5	102.0	100.5	99.0	97.2	99.0	98.6	98.0	98.2	99.7	102.6
	104.1	101.2	99.5	96.6	94.2	92.9	97.8	99.3	99.0	101.9	106.0	107.4
	104.5	103.4	102.0	100.6	98.8	97.2	95.8	96.8	98.6	99.6	99.3	103.3
	105.8	106.4	108.1	107.7	106.2	100.3	99.9	93.5	88.9	89.7	93.9	99.9
	96.9	99.2	102.1	104.5	103.8	103.5	104.1	101.1	96.6	95.9	96.5	95.3
	100.3	101.9	102.3	100.8	100.1	99.6	99.0	98.8	98.4	98.6	99.8	101.3
Printing and publishing. Chemicals and allied products Fr Rubber and plastics products, nec Leather and plastics products.	101.1	102.8	102,3	98,1	98.7	100.6	101.0	100.8	99.4	98.3	97.2	99.9
	102.4	102.2	101,1	100,0	99.1	98.3	98.4	97.9	97.6	99.4	100.1	102.9
	98.9	97.7	100,4	103,8	104.2	102.8	99.9	96.6	96.6	99.7	97.8	101.2
	100.6	101.3	101,2	102,2	100.2	99.7	101.6	100.7	98.7	98.2	96.3	99.7
	102.6	100.9	102,6	101,9	99.9	104.1	98.6	97.9	97.4	98.0	97.0	98.9

Seasonal Factors for Series Components: January-December 1963--Continued

PART III-GOODS IN PROCESS INVENTORIES

						1	963					
Category	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All manufacturing industries	99.4	100,6	100.7	100,7	101.6	100.5	99,9	100.0	100.0	99.7	99,8	97.7
Durable goods industries. Lumber and wood products Furniture and fixtures Stone, olay and glass products. Primary metals. Fabricated metal products.	99.8	100.9	101.0	100.9	101.6	100.5	98.9	99.3	99.6	99.8	99.8	98,2
	97.5	100.9	97.4	95.9	97.9	100.4	104.0	105.4	103.8	100.7	98.9	97,4
	99.0	98.2	98.0	100.4	101.3	101.7	103.0	102.2	102.3	99.6	98.1	96,3
	95.1	102.9	107.9	110.1	107.3	102.9	102.7	99.3	97.5	92.3	89.8	91,7
	102.6	103.5	102.6	102.5	99.6	97.7	98.8	97.6	98.1	98.4	98.5	100,2
	96.1	96.5	98.9	100.7	102.8	103.2	102.0	102.8	103.1	102.2	98.6	93,0
Machinery, except electrical. Electrical machinery Transportation equipment Instruments and related products. Other durable goods, including ordnance.	100.0	101.7	101.8	101,3	101.8	99.9	98.8	99.7	100.4	97.5	98.8	98.5
	98.5	100.0	101.3	100,6	101.3	100.8	100.0	100.5	99.5	99.9	100.0	97.9
	102.2	102.4	101.9	100,4	100.4	99.5	95.8	96.8	98.6	100.8	100.5	100.3
	98.9	100.3	100.5	101,1	101.7	100.9	100.6	100.7	100.0	100.0	98.7	96.8
	97.9	97.6	100.1	102,6	101.4	103.0	102.3	102.7	100.2	97.3	98.8	96.2
Nondurable goods industries. Food and kindred products. Tobacco products. Textile mill products. Apparel and related products. Paper and allied products.	97.9	99.3	99.3	100.1	101.5	100,5	103.4	102.8	101,4	99.3	99.1	95.4
	101.7	102.4	103.1	101.6	101.7	100,5	98.4	100.4	96,8	95.3	99.6	98.2
	98.7	97.1	99.8	100.3	100.6	105,8	103.6	105.3	101,2	100.2	96.2	91.4
	98.3	100.1	100.8	101.3	102.9	102,0	101.7	100.8	99,3	97.9	97.6	97.2
	99.6	97.6	94.1	98.7	103.6	108,4	109.6	104.5	101,7	95.8	95.4	95.1
	99.6	99.3	99.3	100.5	100.3	102,2	103.6	102.6	101,6	100.2	98.9	95.6
Printing and publishing. Chemicals and allied products Petroleum and coal products. Rubber and plastics products, nec Leather and leather products.	98.4	103,6	100.8	100.7	98.8	97.7	102.6	102.2	104.2	102.0	101.2	87.7
	100.1	100,6	100.2	100.7	100.5	99.5	100.2	99.1	99.5	99.6	99.3	101.0
	96.2	98,8	99.4	101.4	103.4	103.3	102.9	101.3	100.6	100.5	97.5	95.2
	100.7	101,2	99.5	99.6	99.5	99.3	99.4	101.9	101.7	99.5	100.4	97.6
	102.3	101,2	98.4	95.7	99.8	103.9	104.1	100.2	95.7	97.2	99.9	102.0

PART IV--FINISHED GOODS INVENTORIES

						1	963				,	
Category	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All manufacturing industries	100.0	100.4	100.4	100.9	101.9	102,1	99.6	99.1	98.7	99.4	99.1	99.0
Durable goods industries. Lumber and wood products. Furniture and fixtures. Stone, clay and glass products. Prinary metals. Fabricated metal products.	99.9 98.8 100.2 101.1 100.6 98.8	101.4 101.4 102.3 103.6 102.4 100.4	102.7 102.1 104.4 105.0 103.4 102.5	103.3 104.4 107.8 105.0 103.5 103.8	103.8 103.7 109.6 104.0 102.6 105.3	106.7	100.3 102.4 101.0 100.4 98.9 102.3	98.0 99.7 96.5 97.4 98.1 99.6	96.5 97.8 92.4 95.6 96.1 96.9	96.6 96.2 93.3 93.6 96.2 94.5	96.6 95.9 91.1 94.6 97.0 93.5	97.8 95.5 94.7 98.1 100.2 97.0
Machinery, except electrical. Electrical machinery. Transportation equipment Instruments and related products. Other durable goods, including ordnance.	100.5 98.5 102.2 98.2 97.2	101.3 99.6 103.3 100.2 100.3	102,4 101,4 103,4 99,7 103,6	102.7 103.7 101.9 100.7 104.0	102,8 106,3 100,7 103,4 106,0	102,6 106,5 99,3 104,2 105,7	100.5 100.6 97.7 101.8 103.3	97.6 98.9 96.7 100.4 98.8	96.2 96.7 98.6 98.0 97.0	97.0 96.4 99.4 97.5 94.6	98.0 96.1 99.1 97.4 93.2	98,9 95,5 98,1 98,6 96,0
Nondurable goods industries. Food and kindred products. Tobacco products. Textile mill products. Apparel and related products. Paper and allied products.	100.1 103.0 84.8 101.0 100.3 98.0	99.4 98.5 77.3 101.8 98.1 100.2	98.3 93.4 92.6 103.4 95.7 100.9	98.6 92.7 108.9 102.5 97.5 103.6	100.0 92.7 120.4 105.1 109.0 104.9	100.9 94.1 105.3 107.4 116.0 104.7	98.6 92.3 60.4 102.2 110.6 101.9	100.0 100.9 69.4 100.0 ±01.2 99.9	100.8 107.2 97.3 97.4 93.8 96.1	102.0 111.7 141.8 91.2 90.9 96.5	101.6 108.1 167.4 93.7 91.8 97.3	100.1 106.3 76.9 94.3 95.1 96.7
Printing and publishing. Chemicals and allied products Patroleum and coal products. Rubuer and plastics products, nec Leather and leather products.	100.1 101.6 97.5 101.5 99.6	99.9 102.6 97.2 103.6 99.3	103.2 103.4 96.9 104.5 99.5	103.3 102.4 97.3 104.2 103.6	103.3 100.1 96.8 102.8 108.9	102.8 100.9 98.9 100.6 107.9	100.8 100.0 100.2 96.4 102.6	99.5 98.9 101.0 96.3 95.3	95.0 96.1 103.9 96.3 93.0	96.8 96.3 104.9 97.2 95.3	97.9 97.3 103.0 97.2 95.6	97.5 100.4 102.4 99.2 99.7

APPENDIX E Seasonal Factors for Series Components. January-December 1963-Continued

PART V-UNFILLED ORDERS

	Ι					19	963					
Category	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All manufacturing industries	100,7	100.7	101.3	100.4	99.5	99.3	100,5	100.5	99.6	99.3	99,2	98,8
Durable goods industries	100.9	100.8	101,6	100.3	99.0	98.8	100.3	100.6	99.7	99.2	99.3	99.1
	96.2	102.5	103,8	102.9	108.7	108.7	109.2	102.8	98.0	93.7	88.9	85.1
Furniture and fixtures: Household. All other furniture	100.1	106.0 95.7	98.3 96.9	93,2 102,4	93.5 102.1	93.9 101.4	107.6 110.5	110.0 106.8	108.8	102.1 98.5	101.4 96.2	86.9 93.3
Kitchen articles and pottery	91.0 100.0	105.8	109.4 102.5	102.3 104.6	110.9 105.5	98.2 105.3	127.0 103.2	119.1 100.7	90,2 96,9	87.2 93.4	83.6 92.3	74.7 95.4
Primary metals. Blast furnaces, steel mills. Nonferroum metals. Iron and steel foundries. Other primary metals.	105.8	110,5	109,9	101.6	98.9	92.3	93.7	94.8	94.3	96.4	99.3	102,7
	108.1	108,3	114,7	103.8	102.8	92.4	94.5	95.6	93.5	92.3	93.5	100,5
	99.6	99,3	101,4	101.8	101.8	98.8	98.2	101.0	99.7	100.3	99.9	98.6
	100.2	105,2	103,6	102.0	101.6	97.4	101.1	101.1	96.8	97.0	100.3	93,4
	102.1	105,9	105,5	104.5	101.2	95.1	94.5	98.2	98.0	96.0	98.1	101,1
Fabricated metal products. Cutlery, hand tools, herdware. Building meterfals and wire products. Other fabricated metal products.	98.5	100.2	100.3	99.9	100.3	100.3	101.3	101.6	102.1	100.4	99.3	96.1
	100.2	97.5	92.1	93.9	98.0	90.8	102.3	106.8	98.6	105.2	108.9	105.3
	98.3	99.9	100.2	99.9	100.3	100.8	101.2	101.5	102.3	100.6	99.5	95.9
	99.6	101.7	101.3	100.2	100.9	98.6	101.5	101.7	101.5	100.2	97.6	95.9
Machinery, except electrical. Engines and turbines. Steem engines and turbines. Internal combustion engines.	99.8	101.3	102.4	101.9	101.3	100.3	101.1	100.0	98.5	98.5	97.8	97.4
	99.9	99.7	100.6	101.4	101.2	99.5	100.8	100.1	99.1	99.3	99.0	98.9
	99.5	99.9	100.7	101.5	100.5	99.8	100.5	99.7	100.2	99.4	99.2	99.6
	98.6	99.6	101.6	100.3	101.9	100.4	101.5	99.5	94.4	100.1	98.2	103.1
Farm machinery and equipment	107.3	102.5	99.4	98.4	98.1	91.8	98,1	96.0	97.6	103.5	103.3	103.2
	98.0	102.3	103.7	103.1	101.3	102.8	103,6	100.7	99.2	95.9	94.5	94.7
	101.4	101.7	100.2	98.9	100.0	99.1	101,1	99.5	101.6	99.5	99.3	98.1
Machine tools, accessories, etc	99.4	99.9	102.6	103,5	101.9	99.6	99.7	99.3	97.3	98.8	101.1	97.3
	94.2	99.7	100.8	101,6	99.9	107.7	104.9	101.3	101.3	97.5	98.7	92.8
Special industry machinery. General industrial machinery. Office and store machines. Service industry machinery.	95.8	101.8	101.5	103.2	102.3	100.9	101.4	101.2	100.7	98.6	97.0	95.7
	97.8	100.4	100.3	100.5	102.3	102.0	101.0	102.0	100.1	99.1	98.4	95.9
	98.2	98.2	98.3	98.7	97.5	100.6	104.0	102.8	103.0	102.6	100.2	96.2
	101.6	103.3	101.4	103.0	101.6	100.5	97.1	98.2	96.2	98.5	98.3	100.8
Electrical machinery. Electrical transmission and distribution equipment. Electrical industrial apparatus.	98.8	98.6	99.0	98,8	99.0	100.4	100.7	100.3	103,2	102.4	99.7	99.0
	98.0	98.1	98.6	100,5	101.0	100.6	100.5	100.0	101,2	101.9	101.3	98.1
	98.4	98.3	100.5	102.0	99.4	99.9	101.2	99.9	100,4	100.6	99.9	99.7
Household appliances including radio and TV	93.3	92.0	91.3	93.1	97.6	98.2	113,2	111.1	114.3	106.7	96.9	92.7
Household appliances	100.6	98.5	97.7	88.7	88.1	84.0	100,3	109.0	122.7	117.0	105.9	85.5
Radio and TV.	92.8	91.8	90.6	95.8	99.6	100.4	113,1	109.8	111.9	104.2	95.5	95.0
Communication equipment. Electronic components. Other electrical machinery.	99.7	98.7	99.7	98.6	98.5	101.0	100.6	99.1	102.3	101.8	99.7	100.7
	100.2	97.2	98.3	98.2	100.0	102.7	103.2	101.3	101.3	101.6	99.0	96.4
	96.0	99.1	97.8	97.5	98.3	97.6	103.1	105.0	106.0	103.2	100.0	96.0
Transportation equipment Motor vehicles and parts	101.0	100.7 106.1	100.3	98.8 100.5	98.2 96.1	98.1 95.6	99.5 97.2	101.1	100.5 98.5	99.7 97.8	100,6 99,1	101.5 100.6
Aircraft and parts. Complete sircraft. Aircraft parts.	101.3	100.1	99.6	98.2	98.2	98.2	99.6	100.9	100.8	100,6	100.8	101.7
	100.2	99.1	99.5	98.0	98.3	97.6	100.8	101.8	101.8	100,9	101.4	100.7
	102.4	101.2	100.1	98.5	97.9	98.8	97.6	99.4	100.1	100,1	100.1	103.6
Other transportation equipment: Shipbuilding and railroad equipment Other transportation equipment	99.3 112.7	99.1 122.4	101.4 133.3	100.0 146.4	98.9 111.8	101.6 90.7	99.7 71.8	101.2 77.3	99.9 89.1	98.8 84.3	100.1	100.6 87.3
Scientific and engineering instruments	99.2	96.9	97.0	97.0	97.5	102,8	104.7	102.7	100.4	101.8	102.0	97.7
Ophthalmic goods, watches and clocks	96.7 94.1	100,3 93,8	94.1 92.4	97.5 103.2	104.3	103.5	103.6 106.8	102.5 103.9	101.7	99.1 99.7	98.7 97.8	97.7 95.4
Miscellaneous personal goods	94.8	93.0	96.2	97.4	100.1	103.5	105.5	109.7	107.7	101.6	97.3	93.6
Other durable goods.	84.7	85.4	90.5	101.8	100.0	109.6	125.0	118.8	107.9	98.9	98.1	78.4
Ordnance.	99.9	97.8	101.2	99.5	98.8	101.8	104.0	101.3	100.5	100.4	97.2	97.7
Mondurable goods industries. Broadwoven fabrics Knitting mills. Floor covering mills. All other textile mill products.	96.3	97.5	97.9	101.4	106.9	105.9	103,5	100.6	98.4	98.8	98.8	93.7
	95.1	100.7	102.0	101.0	103.4	101.1	104.0	97.9	98.8	99.9	99.8	96.0
	86.4	92.7	95.2	110.8	123.3	122.0	109,2	105.2	104,7	94.4	84.6	71.5
	107.8	108.0	95.2	97.8	89.6	81.0	106,9	106.8	96.7	96.8	109.9	102.7
	93.0	96.0	97.4	100.0	106.5	103.2	103.0	109.8	103.3	100.2	96.5	91.5
Paper and sllied products: Pulp and paperboard mills except building paper Paperboard containers	99.0 96.9	100.9 99.1	105.6 101.9	105.6 99.2	102.5 102.3	96.1 103.8	104.4 104.3	101.7 102.9	100.4 100.7	96.7 97.9	95.1 96.4	92.4 95.0
Other paper products, except die cut paper and board	90.7	97.4	103,5	103,1	112.2	112,5	106,5	102.7	100.9	95.6	88.6	86.1
Newspapers, books and periodicals	109.7 99.3	112.4	110.5	105.9	102.1	94.7 99.2	89.3 101.8	86.1 104.9	85.4 100.1	95.4 98.2	102.2 99.0	106.6 95.6
Leather, industrial products and cut stocks Other leather products	94.5	95.1 85.5	100.0 75.0	104.6 88.7	101.1 121.4	108.0 134.5	92.5 116.4	92.9 87.7	100.8	107.2 89.4	104.7 112.8	99.0 112.4

APPENDIX E

Seasonal Factors for Series Components: January-December 1963-Continued

	10/2												
Category						19	963						
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
ALL MANUFACTURING INDUSTRIES							ĺ						
Durable goods industries; Lumber and wood products	93,2	93,9	100.6	105.6	107.5	113.3	99,5	104.4	103.3	. 99.9	90,6	89.0	
Household furniture	95.2 89.3	106.4 99.7	93.7 97.3	93.1 101.7	93.8 96.6	93.8	96.2 104.1	115.0 109.7	110.8	112.5 100.9	106.7 97.7	82.3 86.4	
Kitchen articles and pottery	88.3 81.3	100.3 85.2	92.3 95.3	100.3	103.8 109.3	111.8	106.6 102.0	105.6 111.5	103.6 109.2	104.2 108.5	97.0 97.4	86,5 85,2	
Primary metals: Blast furnaces, steel mills. Nonferrous metals. Iron and steel foundries Other primary metals.	109.8 95.0 101.8 105.7	109,2 106,6 111,8 115,6	107.6 104.7 104.2 104.7	93.1 101.8 105.3 108.8	102.3 104.9 102.5 100.6	93.9 100.9 106.2 95.6	87.7 91.1 88.8 88.5	102.6 97.9 95.3 93.4	96.9 101.2 97.0 98.3	95.7 99.8 100.0 94.8	99.1 102.2 97.5 98.3	102.0 93.2 89.2 95.9	
Fabricated metal products: Outlery, hand tools, hardware. Building materials and wire products. Other fabricated metal products.	105.6 89.9 98.4	105.0 97.4 104.3	99.6 100.5 100.7	95.8 100.3 103.2	103,2 103,2 103,8	95.5 108.4 105.6	92.9 98.3 90.4	118,1 104,1 102,0	101.8 107.8 102.8	113.7 103.2 103.2	99.7 96.4 97.9	68.3 90.9 87.8	
Machinery, except electrical: Steam engines and turbines. Internal combustion engines. Farm machinery and equipment. Construction, mining and material handling. Matalauviking machinery.	83.5 77.1 98.7 94.9 96.2	108.2 103.2 96.2 107.0 98.2	149.9 137.9 118.8 108.0 100.2	116.9 111.5 128.6 108.0 98.9	80.2 110.9 108.2 99.8 99.2	106.4 113.7 100.1 108.3 120.1	84.8 74.0 102.7 100.2 89.7	82.7 72.6 99.4 97.7 90.5	100.0 90.0 102.5 99.4 110.4	83.7 106.2 91.1 93.1 97.3	79.5 98.0 77.9 87.2 96.2	124.7 105.3 75.4 96.7 103.2	
Miscellaneous equipment. Machine chopa Special industry machinery. General industrial machinery. Office and store machines. Service industry machinery.	100.7 100.8 92.8 90.8 87.3 93.2	109.4 111.0 118.7 106.5 104.3 109.5	111.0 102.3 109.6 100.0 101.7 104.5	102.8 98.5 102.8 102.9 101.4 109.4	102.0 95.3 99.5 106.4 93.5 113.6	101.3 105.2 102.7 109.3 106.7 110.9	91.6 89.0 90.7 93.6 100.5 91.5	94.5 94.0 90.6 103.5 93.5 93.9	96.8 100.8 95.4 100.4 101.4 87.9	99.0 105.7 97.4 100.7 100.6 97.1	101.7 100.3 97.1 98.4 102.1 94.6	88.0 97.2 102.7 86.9 107.1 93.6	
Electrical machinery. Electrical transmission and distribution equipment. Electrical industrial apparatus.	78.8 82.1	102.6 106.6	107.6 110.0	108.6 110.1	99.6 99.6	115.3 108.0	93.7 90.5	93.7 93.3	108.3 107.1	100.3 99.8	94.5 93.1	96.7 99.4	
Household appliances. Radio and TV. Communication equipment. Electronic components. Other electrical machinery.	90.1 93.7 78.5 94.9 92.6	100.9 108.3 101.3 96.7 107.4	105.9 96.6 102.9 104.4 101.4	94.6 76.4 92.3 99.6 103.0	100.7 80.6 94.1 102.1 99.5	112.0 96.0 116.5 114.9 105.9	92.9 89.7 96.8 87.0 86.2	100,9 101,1 88,1 93,7 94,6	115.0 130.2 135.2 107.0 106.0	102.3 117.0 99.7 101.7 103.9	100.0 112.6 85.8 95.0 100.5	84.5 95.0 109.8 103.4 98.2	
Transportation equipment: Motor vehicle parts	104.8	109.2	99,4	97.0	96.0	104.3	90.9	92.2	98.9	101.8	106.6	100.2	
Aircraft and parts: Complete aircraft Aircraft parts	84.2 87.0	102.7 93.2	105.1 95.1	97.0 92.3	87.1 86.1	92.6 117.9	98.3 71.8	104.6 109.1	106.0 99.9	92.7 100.2	99.5 107.5	126.3 138.9	
Shipbuilding and railroad equipmentOther transportation equipment	97.8 79.2	98.4 102.4	130.3 118.5	87.9 138.2	78.3 131.6	101.6	88.9 90.0	109.1 82.1	80.2 92.9	83,2 99,9	129.1 81.1	113.7 73.9	
Scientific and engineering instruments	96.0	99.0	101.4	103,8	100,6	124.0	98,8	91,2	102.2	98.0	100.6	87.1	
Ophthalmic goods, watches and clocks. Photographic goods, watchcases.	90.4 83.9	108.4 95.1	99.6 96.0	105.4 107.7	107.4 93.1	91.7 112.8	87.6 100.1	94.9 93.6	114.9 105.1	111.4 96.9	102.8 100.5	88.7 116.1	
Miscellaneous personal goodsOther durable goods	86.4 92.7 99.4	95.6 99.3 92.4	102.1 104.6 124.3	103.2 104.8 94.6	100.9 99.4 100.8	103.2 104.7 113.9	95.7 93.0 101.9	109.3 105.2 87.8	112.4 101.2 93.8	111.3 106.0 114.2	96.7 105.2 93.5	83.4 84.0 82.3	
Nondurable goods industries: Textile mill products: Broadwoven fabrics. Knitting mille.	90.3 87.6	113.1 99.8	103.2 98.9	98.5 102.5	101.7 97.1	105.8	88.6 94.3	94.6 112.0	114.1 115.7	107.5	99.6 100.5	83.3 77.0	
Floor covering mills	94.9 99.3	111.1 109.6	102.2 103.9	103.7 101.8	94.3 102.0	91.7 101.7	82.5 85.5	90.3 101.7	101.8 98.8	107.4	121.8	97.8 90.3	
Paper and allied products: Pulp and paperboard mills except building Paperboard containers. Other paper products except die out paper and board.	98.5 93.5 97.3	104.9 100.1	105.7 102.2	103,5 100,1	100.5 101.6	102.2 104.3	92.6 92.2 91.0	99.5 105.8	101.6 104.4 106.0	99.7 106.0	98.4 99.4 91.6	93.1 91.2 93.4	
Newspapers, books and periodicals	90.4 98.3	99.3	105.4	102.5	101.9	99.1	84.7 87.6	94.7	107.5	107.9	109.2	98.1	
Other publishing and printing	91.4 88.0	97.7	100.7	98.2	107.0	118.2	65.7 80.1	98.7 92.7	110.4	116.1	99.9	94.7 86.7	
Other leather products	86.0	74,0	71,0	207.0	111.03	207.0	00,1	72.7	95.8	112,7	120.3	90.2	

APPENDIX E Seasonal Factors for Series Components: January-December 1963-Continued

	T	PART	V11-011	LI PENIO								
Category					1	_	963		1			
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL MANUFACTURING INDUSTRIES						,						
Durable goods industries: Wooden containers	84.0 83.4	94.3 90.6	98.1 99.4	96.7 105.8	103.4 106.5	121.6 115.2	99.5 98.2	105.3 108.7	106.6 107.3	104.7 104.0	97.5 94.5	88.0 86.7
Household furniture	88,8	101.8	100.1 93.7	98.4 95.6	94.9 96.1	95.9 110.6	81.6	112.7	112.1	113.8	106.7	93,5 92,3
Stone, clay and glass products: Glass containers Kitchen articles and pottery. Other stone, clay and glass products	87.2 85.9 76.3	93,4 95,2 83,2	'103.3 100.6 91.7	98.5 101.3 104.2	105.0 104.3 109.1	111.4 111.9 113.0	98.5 97.3 104.5	117.5 106.5 113.0	105.3 107.4 111.8	101.5 103.7 111.5	93.5 97.0 98.7	85.5 89.3 83.4
Primary metals: Blast furnaces, steel mills. Nonferrous metals. Iron and steel foundries. Other primary metals.	99.1 94.7 90.2 100.3	104.0 104.1 102.9 108.5	107,4 104,0 106,9 109,0	107.0 103.5 108.0 109.0	104.2 104.8 106.0 106.4	105.4 106.4 110.8 105.4	85.0 89.9 82.8 83.6	98.3 94.2 95.9 93.0	102.1 101.8 101.4 96.8	101.0 100.4 101.3 101.1	97.1 100.8 99.2 97.7	89.5 95.6 95.0 89.5
Fabricated metal products: Metal cams, barrels and drums. Outlery, hand tools, hardware. Bullding materials and wire products. Other fabricated metal products.	79.8 107.3 82.4 97.7	86.7 106.4 90.6 101.5	92,1 101.3 93,9 101.3	96.9 96.4 102.6 104.3	101.8 100.2 103.8 102.8	108.1 99.3 109.8 107.3	109.3 85.9 96.3 85.0	131.3 116.7 103.7 101.6	124.3 107.5 107.1 102.9	100.7 108.7 107.4 104.9	85.3 93.8 100.1 100.4	83.4 76.3 102.9 90.8
Machinery, except electrical: Engines and turbines: Steam engines and turbines	93.3 93.2	91.3 108.8	128.2 116.9	78.3 114.2	106.7	135.4 116.3	75.5 79.6	73.1 84.2	95.8 99.9	95.9 91.9	98.4	131,1
Farm machinery and equipment. Construction, mining and material handling Metalworking machinery.	93.7 87.8 85.4	111.3 100.1 102.1	121.3 103.6 110.3	132.3 111.2 104.5	113.5 110.0 101.9	108.9 109.9 114.0	92.4 95.9 85.7	89.8 100.2 87.1	95.4 100.1 102.4	92.6 96.4 101.0	71.6 93.4 100.2	77.4 91.7 104.9
Miscellaneous equipment. Machine shops Special industry machinery. Ceneral industrial mechinery. Office and store machines. Service industry machines.	96,8 97,9 88,5 88,3 87,5 89,6	105.4 108.6 102.4 103.3 102.9 105.1	106.2 103.8 107.0 102.9 101.0 107.5	105.5 100.5 103.1 102.5 101.2 112.3	103,4 98,3 101,7 100,9 95,6 116,3	108,5 102,1 111,8 108,3 103,1 113,8	90.3 88.9 88.0 95.6 93.2 94.7	94.5 92.7 91.0 100.5 94.3 91.3	98.9 105.8 99.6 102.1 101.9 91.5	97.6 101.2 98.3 101.4 100.1 92.7	99.1 100.9 101.0 98.2 106.9 94.3	94.0 98.9 108.4 96.1 112.3 90.3
Electrical machinery: Electrical transmission and distribution equipment. Electrical industrial apparatus.	85.8 91.7	103,4	102.3	102.6	97.0	112,9	87.6	92,6	108.7	101.8	99.5	105.8
Household appliances	87,8	103.7	102.1	102.6	100.4	103.2	86.3 92.1	95.7 98.0	106.8	102.7	100.3	104.5
Radio and TV. Communication equipment. Electronic components. Other electrical machinery.	96.0 89.7 93.7	102,1 102,7 100,4	94.8 103.2 100.2	73.9 101.3 98.4	72.8 97.2 96.2	96.3 106.2 101.8	73,3 87,1 83,8	108.7 95.8 97.8	128.7 103.0 106.2	130,6 101,8 107,9	125,7 103,0 109,0	97.6 109.2 105.0
Other electrical machinery. Transportation equipment: Motor vehicle assembly operations	100.8	102,9 103,2	99.2 105.2 106.4	101.5 108.5 107.9	97,9 109,5 103,1	102.6 109.5 104.0	85.7 *100.2 86.0	96.0 *40.7 87.6	104.7 82.7 96.5	107.7 108.6 102.0	105.2 118.9 103.6	102.7 115.6 96.1
Aircraft and parts; Complete aircraft Aircraft parts.	88.3 92.2	106,6	106.6	102.3	100.1	105.8	91.9	93.0	104.2	94.0 98.5	100.7	106.5
Shipbuilding and railroad equipmentOther transportation equipment	93.0 81.0	103.7	106.5	106.1 132.7	96.7 129.7	112.8	86.5 87.7	94.9 87.6	98.0· 99.1	95.5 96.4	97.7 84.2	108.5 73.6
Instruments: Scientific and angineering	90,8	102.9	101.2	99.6	100.0	106,8	87.8	97.1	106,4	102,7	100,7	104.1
Ophthalmic goods, watches and clocks	89.7 84.3	106.2 96.3	101.0	102.8 96.6	100.5 96.2	97.0 105.7	79.3 88.5	95.8 95.8	115.1 110.4	112.8 102.8	106.0 105.6	94.1 118.8
Other durable goods: Miscellaneous personal goods Other durable goods. Ordnance.	86.5 92.3 92.8	97.7 99.6 99.7	98.4 102.0 108.3	100.7 99.9 99.6	97.4 96.0 96.5	101.3 101.0 106.5	90.5 92.6 87.3	108.9 106.1 103.2	113.8 103.1 109.1	113.0 112.5 102.6	105.0 104.6 100.5	86.6 90.4 94.1
Iondurable goods industries: Food and related products: Meat produsts. Dairy produsts. Beverages. Fets and oils.	96.0 95.2 76.4 105.9	105.2 101.5 84.9 111.6	96.9 100.8 94.1 101.1	101.8 100.1 97.3 98.0	98.1 100.4 105.4 96.5	103.3 105.7 116.0 94.5	96.9 101.0 104.8 89.3	96.9 98.6 113.2 93.5	102.6 102.4 107.6 99.3	105.5 98.9 110.0 108.6	97.8 97.1 103.0 103.1	99.1 97.5 87.2 99.1
All other foods	98.0	103.7	102.0	96,3	97.0	98.7	94,3	98.7	108.7	106,2	102,1	94.3
		95.9	95.1	96,3	102,8	106,8	104.3	104.1	102.0	99.8	104.2	97,4
Broadwoven fabrics, Knitting mills, Floor covering mills, All other textiles,	91.1 74.7 88.3 98.0	105.1 91.8 110.0 107.3	101.8 91.6 112.2 103.3	100.1 91.4 103.1 101.9	97.2 92.3 97.2 96.6	107.4 112.6 99.3 100.4	87.7 99.0 61.0 81.8	100.9 119.8 98.4 101.3	108.3 113.7 109.2 104.2	106.9 119.1 110.7 107.8	100.1 113.6 101.8 103.4	93.2 80.6 109.2 94.2
Apparel and related products	83,6	111.4	110.8	98.9	79.8	83,5	89.2	117.7	116.1	118,8	108,6	81,9
Paper and allied products: Pulp, paper, etc.; Pulp and paperboard mills except building Building paper. Paperboard containers.	95.8 94.2 92.8	104.4 102.4 99.2	104.7 100.2 100.6	103.2 102.9 100.1	101.6 104.1 99.5	105.0 102.5 103.2	89.4 94.9 90.8	101.2 108.5 106.1	102.4 99.0 106.1	100.2 105.8 109.4	99.8 101.0 101.3	92.4 85.8 91.8
Other paper products except die cut paper and	97,9	104.6	100.6	100.1	99.3	108.8	89.3	101.1	102.5	107.0	91.6	94.3
board	96,8	103,4	102.2	100.6	96,6	105.2	92,9	103.0	105,5	103,5	97.5	92.7

Seasonal Factors for Series Components January-December 1963-Continued

PART VII -SHIPMENTS-Continued

											-	
						1	963					
Category	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL MANUFACTURING INDUSTRIES—Continued												
Nondurable goods industries—Continued Newspapers, books and periodicals Other publishing and printing	91.3 92.8	98.7 101.1	104.0 100.9	102.1 99.6	101.9 94.4	100.5	85.6 87.0	93.4 100.6	106.0	109.2	108.3 105.9	99.2 99.0
Chemicals: Industrial chemicals except pigments, Peints and related products Drugs, scap and tolletries Fertilizers Other chemical products.	91.6 88.4 102.5 94.7 95.2	100.7 91.6 101.6 97.3 102.1	102.8 97.0 102.4 103.1 102.3	107.3 108.6 99.0 124.5 104.3	106.9 111.8 95.9 120.1 102.0	106.6 116.5 100.4 97.3 103.4	91.9 101.9 91.8 83.1 89.7	98.5 107.2 101.8 92.3 98.6	103.0 103.6 112.2 103.6 105.3	101.2 97.9 107.5 104.5 105.5	96.8 92.9 96.1 94.7 101.2	92.4 82.9 89.0 84.2 90.7
Petroleum and coal products: Paving and roofing materials. Other petroleum products.	76.8 104.0	69.6 104.0		95.2 97.8	105.7 95.7	113.8 98.9	107.0 97.6	114.7 99.0	122.0 99.2	123,9 99,7	103.6 100.9	85.6 103.8
Rubber and plastics products, nec: Tirea and tubes	95.6 93.8	95.0 102.1	101.3 103.2	105.6 102.2	103.0 100.1	107.3 107.1	97.1 86.2	97.0 101.0	99.9 105.2	110.3	94.1 99.4	94.3 93.6
Leather, industrial products and cut stock Other leather products	102,4 98,3	104.6		98.8 96.0	98.3 82.3	102,9 93,3	80,0 102,7	101.9 121.0	100.8	106,6 101,3	106.5 91.9	96.9 89.4

^{*}Seasonal factors for July and August were reallocated so that the revised seasonally adjusted figures were the same. See discussion on page 19. The factors originally developed by the modified X-9 method were July 94.5 and August 46.4.

Average Percentage Changes and Related Measures for Series Components

(The following are brief definitions of the measures shown in this appendix, More complete explanations appear in <u>Ricetronic Computers and Business Indicators</u>, by Julius Shiskin, issued as Occasional Paper 57 by the National Bureau of Economic Research, 1957 (reprinted from <u>Journal of Business</u>, Ottober 1957).

"CT" is the average month-to-month percentage change, without regard to sign, in the seasonally adjusted series. "To is the same for the irregular component, which is obtained by dividing the cyclical component which is a smooth, flexible nowing average."

"MCD" represents months for cyclical dominance. The average (without regard to sign) percentage changes in the irregular component and cyclical component are computed for 1-month spans. (Jan.,-Feb.,-Mar., etc.), 2-month spans (Jan.,-Mar., Feb.,-Mar., etc.), 2-month spans (Jan.,-Mar., Feb.,-Mar., etc.), up to 3-month spans. MCD is the shortest span for which the average change (without regard to sign) in the cyclical component is larger than the average change (without regard to sign) in the irregular component. Since changes are not computed for spans greater than 5 months, all series with an MCD greater than "5" are shown as "6". MCD is small for smooth series and large for erratic series.

"To" is a measure of the relative smoothness (small values) or irregularity (large values) of the seasonally adjusted series. It is shown for 1-month spans and for spans of the period of MED, when MED is "6", no To Tatio is shown for the MED period.

"Average duration of rum" is a measure of smoothness, and is equal to the average number of consecutive monthly changes in the same direction in any series of observations. When there is an o change between 2 months, it is assumed that the "no change" it is a change that the measure that the preceding change. The average duration of rum is shown for the seasonally adjusted series Of, irregular component I, cyclical component C, and the DDD moving average (I am north, average is a moving average (The DDD moving average is a moving average). The difference is the member of terms equal to DDD orthe seasonally adjusted series)

PART I-TOTAL INVENTORIES

	Average	percentage	changes	Ratio of irregular	Number of		Ave	rage dur	ation of	run
Category	Seasonally adjusted series (CI)	Irregular component	Cyclical component	component to cyclical component	for cyclical domi- nance (MCD)	I/C for MCD span	CI	I	С	MCD
All manufacturing industries	.54	.19	.49	. 39	1	. 39	8,33	2,02	13.89	8.33
Durable goods industries	.75	.24	.67	. 36	1	.36	5,95	1.84	13,89	5,95
Lumber and wood products: Wooden containers	2.09 1.48	1.39 1.07	1.41	.99 1.18	1 2	.99 .73	3.85 2.76	2,31	11.56 8.81	3.85 4.09
Furniture and fixtures: Household. All other furniture.	1,39 1,60	.92 1.06	.91 1,07	1.01	2	.67	3,03 3,70	1.99	8.04 9.25	4.09 3.70
Stone, clay and glass products. Glass containers. Kitchen articles and pottery. Other stone, clay and glass products.	3,97 1,34 1,11	.66 3.35 .90 .58	.68 1.61 1.01	.97 2.08 .89 .67	1 3 1	.97 .83 .89 .67	2,66 2,57 6,17 3,25	1,69 1,71 6,17 1,76	11,36 7,12 13,21 11,56	2,66 5,08 6,17 3,25
Primary metals. Blast furnaces, steel mills. Nonferrous metals. Iron and steel foundries. Other primary metals.	1.06 1.38 1.30 1.75 2.03	.49 .72 .82 .97	.89 1.05 1.04 1.41 1.61	.55 .69 .79 .69	1 1 1 1	.55 .69 .79 .69	4.17 3.25 2.98 3.78 5.14	1.95 1.99 1.75 1.83 2.20	11,36 13,21 11,56 10,88 11,56	4.17 3.25 2.98 3.78 5.14
Fabricated metal products	1,32 2,81	.77 2.42	.96 1.03	.80 2.35	1 3	.80	3,21 2,23	2.05 1.79	11.36 9,62	3.21 3.73
Hardware, fabricated structural metal products, and wire products: Cutlery, hand tools, hardware. Building materials and wire products. Other fabricated metal products	1.07 1.13 1.42	.7L .65	.74 .87 1.19	.96 .75	1 1 1	.96 .75	3,47 3,13 4,03	2.36 1.84 1.71	13.89 11.36 9.62	3.47 3.13 4.03
Machinery, except electrical. Engines and turbines Steam engines and turbines. Internal combustion engines.	.86 1.76 2.87 1.64	.27 1.32 2.05 1.04	.81 1,23 2,04 1,31	.33 1.07 1.00 .79	1 2 2 1	.33 .70 .61	8,93 3,47 3,63 4,11	1.64 1.95 1.95 1.97	20.83 10.42 10.28 18.50	8.93 4.77 4.97 4.11
Farm machinery and equipment	1.15 1.50 1.51	.68 .59 .72	.84 1.30 1.27	.81 .45 .57	1 1	.81 .45 .57	3,36 5,14 4,20	1.87 1.81 1.85	9.74 16.82 16.82	3.36 5.14 4.20
Machine tools, accessories, etc. Machine shops. Special industry machinery. General industrial machinery. Office and store machines. Service industry machinery.	2.07 1.54 1.33 1.38 1.68 1.57	1.42 1.00 .88 .63 .85	1.27 1.10 1.01 1.17 1.43 1.33	1.12 .91 .87 .54 .59	2 1 1 1 1	.63 .91 .87 .54 .59	5.00 4.02 3.85 4.11 5.14 4.74	1.78 2.10 1.75 1.73 1.91 1.76	14.23 10.28 16.82 15.42 26.43 14.23	6.81 4.02 3.85 4.11 5.14 4.74
Electrical machinery Electrical transmission and distribution	.93	.44	.79	.56	1	.56	3,79	1.76	13,89	3,79
equipment Electrical industrial apparatus	1.33 1.39	.71	1.07 1.10	.60 .65	1	.60 .65	4.40 4.63	1.93 1.85	14.23 13.21	4,40 4,63
Household appliances including radio and TV Household appliances	1.34 1.87 1.80	.72 1.00 1.01	1.05 1.47 1.54	.69 .68	1 1 1	.69 .68 .66	3,68 5,14 5,00	1.74 1.81 1.95	15,63 10,28 16,82	3.68 5.14 5.00
Communication equipment Electronic components Other electrical machinery	1.89 1.77 1.26	.96 .96	1.58 1.41 1.03	.61 .68 .64	1 1 1	.61 .68 .64	5,44 4,51 4,40	1.97 2.20 2.01	12,33 20,56 15,42	5.44 4.51 4.40
Transportation equipment	1.15 2.11	.66 1,25	.87 1.47	.76	1	.76	3.79 3.19	1.71	13.89	3.79 3.19
Aircraft and parts Complete aircraft Aircraft parts	1,09 2,25 2,20	.69 .93 .84	.78 1.86 1.90	.88 .50 .44	1 1 1	.88 .50 .44	2.78 3.63 5.44	1.62 1.70 1.68	11.36 13.21 15.42	2.78 3.63 5.44

Average Percentage Changes and Related Measures for Series Components-Continued

PART I -TOTAL INVENTORIES -Continued

	RIES-Conti	nued		_						
	Average p	ercentage c	hanges	Ratio of irregular	Number of months		Aver	age dura	tion of	run
Category	Seasonally adjusted series	Irregular component	Cyclical component	component to cyclical component	for cyclical domi- nance	T/C for MCD span	CI	I	С	MCD
	(CI)	(Ī)	(8)	(Ī/C)	(MCD)					
Durable goods industries—Continued Transportation equipment—Continued Other transportation equipment: Shipbuilding and railroad equipment.	2,18	1,13	1.75	.65	1	.65	4.02	1,68	10,88	4.02
Other transportation equipment	3,33	2.24	2.24	1,00	2	.61	3,56	2.06	10,88	5,75
Instruments. Scientific and engineering.	.97 1.31	.53	1.04	.69	1	.69	4.31 4.87	1.54	13,89 15,42	4.31 4.87
Ophthalmic goods, watches and clocks Photographic goods, watchcases	1.23 1.39	.76	.92	.83	1	.83	5.14 3.08	2.43	12.33 15.42	5.14 3.08
Other durable goods: Miscellaneous personal goods. Other durable goods. Ordnance.	1,29 1,47 1,93	.81 1.05 1.07	.94 1.03 1.48	.86 1.02 .72	1 2 1	.86 .61 .72	3.70 3.70 5.00	1,68 1,93 1,76	16.82 9.74 15.42	3.70 6.57 5.00
Nondurable goods industries, Food and related products, Mest products, Dairy products Beverages, Fats and oils, All other foods	.38 .68 1.79 1.71 .81 2.16	.22 .53 1.43 1.34 .62 1.52	.29 .37 .88 .85 .42 1.41	.76 1.43 1.63 1.58 1.48 1.08 1.49	1 2 2 2 2 2 2 2 2	.76 .88 .97 .89 .93 .68	2.98 2.36 2.28 2.27 2.50 2.45 2.91	1.74 1.87 1.76 1.67 1.84 1.76 2.08	20.83 11.36 8.41 11.36 11.36 9.62 11.36	2.98 3.35 3.47 3.35 3.35 4.00 3.18
Tobacco manufactures	.57	.41	.37	1,11	2	.65	2,66	1.98	9,62	4,96
Textile mill products Broadwoven fabrics. Knitting mills.	.75 1.45 1.67	.55 .86 1.33	42 .99 .83	1.31 .87 1.60	2 1 2	.75 .87 .92	2.16 2.94 2.27	1.79 2.03 1.71	11.36 10,88 11.36	3,76 2,94 4,28
Floor covering mills. All other textiles.	1.48 1.63	1.18 1.35	.81	1.46 1.90	2	.83	2.98 2.16	2.02 1.69	12.50 6.58	5.17 4.39
Apparel and related products	1.79	1,39	1.01	1.38	2	.82	2,61	1.80	9,25	3,83
Paper and allied products Pulp paper, etc Pulp and paperboard mills except building	.56 .59	.36 .37	.42	.86 .97	1	.86	2.98 2.98	1.60 1.95	10.42 6,94	2.98 2.98
paper Building paper Paperhoard containers Die cut paper and board Other paper products, except die cut paper and	.91 2.15 1.01 2.36	1.65 .48 1.71	1.33 .84 1.36	.65 1.24 .57 1.26	1 2 1 2	.65 .67 .57	3,63 5,44 4,30 3,78	2.13 3.78 1.97 2.85	9.25 15.42 12.33 14.23	3,63 8,36 4,30 7,08
board	1,06	.53	.91	.58	1	.58	5.44	1.93	13.21	5.44
Newspapers, books and periodicals. Other publishing and printing.	1.38 1.74	1.20 1.47	.59	2.03 1.79	3	.75 .72	2.06 2.47	1.71 1.73	10.28	4.58 4.07
Obmicals: Industrial chemicals except pigments Paints and related products Drugs, some and tolletries Fertilisers, Other chemical products.	.62 .97 1.19 1.16 1.70 1.25	.37 .51 .85 .90 1.26	.46 .71 .85 .65 1.17	.80 .72 1.00 1.38 1.08	1 1 2 2 2 2 1	.80 .72 .64 .87 .71	3,68 3,70 3,03 2,78 2,94 3,56	1.74 1.89 1.91 1.84 2.03 1.81	9,62 13,21 14,23 8,93 9,74 11,56	3, 68 3, 70 5, 94 3, 65 6, 34 3, 56
Petroleum and coal products. Paving and roofing materials. Other petroleum products.	.82 1.76 1.06	.60 1.33 .58	.50 .97 .75	1.20 1.37 .77	2 2 1	.67 .78 .77	2,19 4,40 3,14	1.58 3.19 1.73	11.36 11.56 12.33	3.76 6.34 3.14
Rubber and plastics products, nec Tires and tubes Other rubber and plastics products, nec	1.08 1.37 1.50	.71 .84 .99	.72 .87 .97	.99 .97 1.02	1 1 2	.99 .97 .61	2.91 3.63 3.19	1.67 1.91 1.81	13.89 10.28 11.56	2,91 3,63 4,97
Leather, industrial products and cut stock Other leather products	1.30 1.32	.94	.77	1.22	2 2	.80	3.03 3.30	2.08	10.88	4.72 4.72

Average Percentage Changes and Related Measures for Series Components-Continued

PART II-MATERIALS AND SUPPLIES

	Average	percentage	changes	Ratio of irregular	Number of months	Ī/Ē	Aver	age dura	tion of	run		
Category	Seasonally ādjusted seriea	Irregular component	Cyclical component	component to cyclical component	for cyclical domi- nance	for MCD span	CI	I	С	MCD		
	(CI)	(Ī)	(0)	(Ī/C)	(MCD)							
All manufacturing industries	.82	.55	,53	1.04	2	.59	3.05	1,92	9,62	4,59		
Durable goods industries. Lumber and uood products Furniture and fixtures Stone, clay, and glass products. Primary metals. Fabricated metal products.	1.16 2.12 2.01 1.37 1.78 1.70	1,82 1,47 1,00 1,09 1,12	.86 .89 1.20 .84 1.16 1.15	.77 2.04 1.23 1.19 .94	1 3 2 2 1 1	.77 .74 .73 .65 .94	4.03 2.12 2.45 2.64 4.20 3.21	1.71 1.60 1.67 1.59 2.37 1.92	11.36 6.94 8.33 11.56 8.41 11.36	4.03 3.62 4.28 4.00 4.20 3.21		
Machinery, except electrical. Electrical machinery Transportation equipment Instruments and related products Other durable goods, including ordnamce.	1,66 1,91 2,49 1,89 1,40	.97 1.21 1.63 1.50	1.24 1.40 1.71 1.10 1.02	.78 .86 .95 1.36	1 1 1 2 1	.78 .86 .95 .80	3,14 2,89 2,61 3,05 3,47	1.73 1.71 1.61 1.81 1.67	10.88 12.33 10.88 13.89 8.93	3.14 2.89 2.61 4.28 3.47		
Nondurable goods industries, Food and kindred products, Tobacco products Textile mill products, Apparel and related products, Paper and allied products,	.82 1.87 .46 2.70 2.94 1.20	.74 1.33 .31 1.55 2.29	1.01 .32 1.95 1.79 1.02	2,18 1,32 .97 .79 1,28 .67	3 2 1 1 2 1	.81 .80 .97 .79 .78 .67	2,12 2,23 3,79 2,85 2,31 3,49	1,71 1,67 2,05 1,80 1,67 1,93	8,93 7,40 11,36 8,81 10,28 12,33	4.73 3.02 3.79 2.85 4.18 3.49		
Printing and publishing Chemicals and allied products. Petroleum and coal products, Rubber and plastics products, nec. Leather and leather products.	3,02 1,25 1,83 2,32 1,91	2,58 .77 1,32 1,52 1,28	1,20 ,91 1,05 1,61 1,23	2,15 ,85 1,26 ,94 1,04	3 1 2 1 2	.91 .85 .73 .94 .66	2,23 2,53 2,61 3,30 3,08	1,87 1,70 1,80 1,73 1,89	7,71 16,82 9,74 9,74 13,21	3,52 2,53 4,49 3,30 4,97		

PART III-GOODS-IN-PROCESS INVENTORIES

	17812 222 0	211 2110								
	Average	percentage	changea	Ratio of	Number of		Aver	age dura	tion of	run
Gategory	Seasonally adjusted series	Irregular component	Cyclical component	irregular component to cyclical component	months for cyclical domi- nance	I/C for MCD span	CI	I	С	MCD
	(CI)	(I)	(5)	(I/C)	(MCD)					
All manufacturing industries	.90	.56	.64	.88	1	.88	3,68	1,79	15,63	3,68
-					1 7					
Durable goods industries	.91	.50	.72	.69	1	.69	4.03	1.87	17,86	4.03
Lamber and wood products	3,85	3,50	1.51	2,32	3	.81	1.81	1.54	8.33	3.97
Furniture and fixtures	2,68	2,29	1,10	2,08	3	.90	2.05	1.71	7.81	4.92 5.11
Stone, clay and glass products	2,07	1,76	1.17	1.50	2	.83	3,14	1.83	12.33	
Primary metals	1,89	1.07	1.41	.76	1 1	.76	3,36	1.89	13,21	3,36
Fabricated metal products	1.91	1.45	1.13	1.28	2	.76	2,80	1.71	11.56	2.76
Machinery, except electrical	1,61	1.02	1.30	.78	1	.78	2,76	1.64	20,56	2,70
Electrical machinery	1,64	.87	1,36	.64	1	.64	4,11	1,70	23,13	4,11
Transportation equipment	1,80	1.08	1.31	.82	1	.82	2,89	1,67	13,21	2,89
Instruments and related products	1.34	.95	.86	1,10	2	.56	2,19	1,62	15,63	6,53
Other durable goods, including ordnance	1,82	1,39	1,19	1,17	2	.72	2,78	1,81	13,89	5,39
Nondurable goods industries	1.99	1.88	.54	3,48	4	.91	2.12	1.71	9,62	4,21
Food and kindred products	6.20	5,84	1.72	3,40	4	.90	1.91	1.58	6,61	3,87
Tobacco products	4,66	4,25	1.79	2,37	3	.78	2,34	1,95	10,28	6,54
Textile mill products	1,65	1,16	.99	1,17	2	.71	2,85	1,80	12,33	5,58
Apparel and related products	5,12	4.27	2,22	1.92	3	.80	2.03	1,67	7,40	4,46
Paper and allied products	2,08	1,67	1.07	1,56	2	.83	2,34	1,87	10,28	4.84
Printing and publishing	3,67	3,45	1.26	2.74	4	.71	1,87	1.64	8,81	4.04
Chemicals and allied products	1,71	1,36	.90	1,51	2	.90	2,50	1,68	9,74	3,76
Petroleum and coal products	2,75	2,29	1,38	1,66	2	.97	2,37	1,61	7,71	3,61
Rubber and plastic products, nec	2,44	1,86	1,30	1,43	2	.83	2,40	1,76	10,88	4,18
Leather and Leather products	2,66	2,22	1.10	2.02	3	.75	2.23	1.80	7.71	5,08

Average Percentage Changes and Related Measures for Series Components-Continued PART IV-FINISHED GOODS INVENTORIES

										-
	Average	percentage	changes	Ratio of	Number of	ī/c	Aver	age dura	tion of	run
Category	Seasonally adjusted series (CI)	Irregular component	Cyclical component (C)	component to cyclical component (1/C)	for cyclical domi- nance (MCD)	for MCD Span	CI	I	С	MCD
All manufacturing industries	.80	.54	.49	1,10	2	.53	2,40	1.42	15,63	5,17
Durable goods industries. Lamber and wood products. Purniture and fixtures Stone, oldy and glass products. Prinary metals. Pabricated metals products.	1.02 3.17 1.70 1.63 1.93 2.17	2.50 1.59 1.03 1.15 1.52	.71 1.58 .59 1.12 1.37 1.35	.87 1.58 2.69 .92 .84 1.13	1 2 4 1 1	.87 .93 .67 .92 .84	3,21 2,12 1,81 2,76 3,14 2,94	1.74 1.58 1.58 1.73 2.03 2.03	13,89 6,25 10,42 14,23 9,25 10,28	3,21 4,00 5,08 2,76 3,14 4,00
Machinery, except electrical. Electrical machinery Transportation equipment Instruments and related products Other durable goods, including ordnance.	1,27 1,73 1,95 1,46 1,78	.84 1.12 1.17 1.17 1.23	.92 1.18 1.38 .81 1.21	.91 .95 .85 1.44 1.02	1 1 2 2	.91 .95 .85 .76	3.14 2.26 2.98 2.60 2.91	1.73 1.71 1.57 1.60 1.71	12,33 13,21 16,82 12,50 10,42	3,14 2,26 2,98 3,88 4,77
Nondurable goods industries, Food and kindred products, Tobacco products. Textile mill products. Apparel and related products Peper and silied products.	1,06 1,16 25,84 1,98 2,63 1,31	.91 .90 22,04 1.20 2.19 .91	.44 .64 4.74 1.45 1.08 .87	2.07 1.41 4.65 .83 2.03 1.05	3 2 6+ 1 3 2	.72 .85 (¹) .83 .90	1.89 2.40 1.81 2.89 2.10 2.43	1.64 1.76 1.67 1.78 1.71 1.68	7,81 6,61 6,25 10,88 8,04 18,50	4.10 4.00 5.45 2.89 3.89 4.60
Printing and publishing. Chemicals and allied products. Petroleum and coal products. Rubber and plastic products, Lesther and leather products.	2,93 .94 1.44 2.14 1.88	2,56 ,59 1,04 1,37 1,56	1.27 .71 .85 1.44 .95	2,02 .83 1,22 .95 1,64	2	.72 .83 .74 .95 .68	2,18 3,36 2,53 2,94 2,23	1.64 1.76 1.73 1.83 1.95	7.71 10.28 10.88 10.28 8.04	4.26 3.36 3.76 2.94 5.90

See footnotes at end of table.

Average Percentage Changes and Related Measures for Series Components-Continued

PART V. -UNFILLED ORDERS

	Average	percentage	changes	Ratio of	Number of		Aver	age dura	tion of	run
Category	Seasonally adjusted series (CI)	Irregular component	Cyclical component	irregular component to cyclical component (T/C)	months for cyclical domi- nance (MCD)	Ī/Ĉ for MCD Span	CI	I	С	MCD
All manufacturing industries	1,47	.53	1.31	.40	1	.40	6,58	1.98	13,89	6,58
Durable goods industries. Lumber and wood products. Household furniture. All other furniture. Kitchen articles and pottery. Other stone, clay and glass products.	1.51 4.44 3.28 1.86 13.02 1.78	.57 3.91 1.81 1.13 13.10 1.28	1.34 1.96 2.42 1.31 6.25 1.04	.43 1.99 .75 .86 2.10 1.23	1 3 1 1 3 2	.43 .81 .75 .86 .79	5.95 1.98 3.79 3.79 4.03 2.84	1.87 1.58 1.87 2.19 2.78 1.62	13.89 7.35 13.89 11.36 11.36 10.42	5.95 3.97 3.79 3.79 6.83 4.13
Primary metals. Blast furnaces, steel mills. Nonferrous metals. Iron and steel foundries. Other primary metals.	5.40 4.89 3.72 3.85 4.34	2.26 2.41 2.49 1.57 1.97	4.43 4.10 2.47 3.46 3.81	.51 .59 1.01 .45	1 1 2 1	.51 .59 .57 .45	4.31 3.46 2.19 5.00 3.68	1.98 1.88 1.71 1.87 1.71	10.42 10.81 9.62 12.50 12.50	4.31 3.46 3.65 5.00 3.68
Fabricated metal products Cutlery, hand tools, hardware Building materials and wire products Other fabricated metal products	1.57 4.73 1.23 2.82	.88 3.41 .71 1.70	1.32 3.32 1.02 2.29	.67 1.03 .70 .74	1 2 1 1	.67 .59 .70	3.47 3.29 3.91 3.68	1.84 1.74 1.74 1.69	12.50 12.50 12.50 10.42	3.47 5.17 3.91 3.68
Mschinery, except electrical Engines and turbines Steam engines and turbines. Internal combustion engines	1.77 1.03 .75 2.79	.55 .56 .44 1.75	1.64 .79 .57 2.01	.34 .71 .77 .87	1 1 1	.34 .71 .77 .87	6.25 4.31 4.63 5.00	1.69 1.67 1.67 1.71	15.63 13.89 13.89 17.86	6,25 4,31 4,63 5,00
Farm machinery and equipment, Construction mining and material handling equipment Metalborking machinery, Machine tools, accessories, etc Machine shops. Special industrial machinery General industrial machinery Office and store machines, Service industry machinery.	3,42 2,93 1,87 3,17 4,65 2,53 2,20 2,57 2,20	1.87 1.10 .74 .98 2.92 .94 .87 .88 .93	2.41 2.58 1.52 2.92 3.15 2.27 1.93 2.28 1.80	.78 .43 .49 .34 .93 .41 .45 .39	111111111111111111111111111111111111111	.78 .43 .49 .34 .93 .41 .45 .39	4.46 5.14 5.95 7.35 4.46 6.41 4.63 7.81 5.00	1.69 1.80 1.92 1.71 1.84 1.78 1.71 1.89 1.76	13.89 16.56 20.83 15.63 13.89 17.30 11.36 20.83 12.50	4.46 5.14 5.95 7.35 4.46 6.41 4.63 7.81 5.00
Electrical sachinery. Electrical transdiction and distribution equipment. Electrical industrial apparatus. Household appliances including radio and TV. Household appliances. Hadio and TV.	1,48 2,66 2,39 0,39 20,48 4,69	.92 1.51 1.59 4.78 17.90 3.54	1.10 2.01 1.70 3.91 9.07 3.00	.84 .75 .94 1.22 1.97 L.18	1 1 2 3 2	.84 .75 .94 .73 .92 .72	2.60 2.92 2.91 2.23 2.16 2.27	1.60 1.66 1.76 1.52 1.56 1.64	9,62 16,56 15,63 12,50 8,33 12,50	2,60 2,92 2,91 3,44 3,97 3,65
Communication equipment Electronic componenta. Other electrical machinery	.81 5.74 7.39	.50 3.83 5.47	.61 4.15 4.40	.82 .92 1.24	1 1 2	.82 .92 .85	3,26 2,60 2,32	1.84 1.69 1.65	13.31 16.10 12.45	3,26 2,60 3,68
Transportation equipment. Motor wehicle parts. Alternat and parts. Complete sirvant. Alternat parts.	1.46 3.32 1.62 1.97 3.42	.95 1.73 1.14 1.27 2.20	1.07 2.67 1.15 1.54 2.40	.89 .65 .99 .82	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.89 .65 .99 .82	2.31 3.60 2.50 2.62 2.87	1.49 1.70 1.64 1.73 1.73	9,62 13,31 13,89 13,31 13,55	2.31 3.60 2.50 2.62 2.87
Shipbuilding and railroad equipment	2.17 16.52	1.27 13.87	1.42 6.74	.89 2.06	1 3	.89 .88	2.78 2.45	1.74	10,42 8,33	2.78 4.92
Scientific and engineering instruments Ophthelmic goods, watches, and clocks	2,37 11,79	1.76 9.04	1.48 6.55	1.19 1.38	2 2	.68 .87	2.19	1.67	10.42 11.36	3.35 4.00
Miscellaneous personal goods. Other durable goods. Ordnance.	2,22 8,26 1,66	1,86 6,81 1,35	1.12 3.45 .77	1.66 1.97 1.75	3 3 3	.74 .90 .74	2,36 2,12 2,12	1.71 1.71 1.81	7,81 11,36 6,58	4.24 4.24 3.97
Nondurable goods industries with unfilled orders Broadwoven fabries. Knitting mills. Floor covering mills. All other textile mill products. Pulp and paperboard mills, except building paper	2.09 2.93 5.65 4.85 5.62 2.27	1.33 2.02 3.98 4.16 4.03 1.78	1,49 2,04 3,47 2,05 3,43 1,04	.89 .99 1.15 2.03 1.17 1.71	1 1 2 2 2 2 2	.89 .99 .78 .97 .72 .64	3.13 2.98 2.31 2.27 2.60 2.36	1.84 1.69 1.76 1.71 1.60 1.71	11.36 8.93 7.35 7.81 7.35 13.89	3.13 2.98 4.00 3.65 4.28 4.92
Paperboard containers Other paper products, except die cut paper and	3,13	2.75	1.37	2,01	3	.74	2,50	1.69	10,42	4.92
bourd. Newspapers, books, and periodicals Other publishing and printing. Leather, industrial products and out stock. Other leather products.	2.78 20.83 3.63 7.91 7.39	2.29 19.25 3.17 7.19 6.62	1.37 6.52 1.39 2.48 2.03	1.67 2.95 2.28 2.90 3.26	2 4 3 4 5	.94 .77 .89 .90	2.50 2.36 1.98 2.31 2.55	1.74 1.62 1.62 2.23 2.45	7,81 5,95 6,94 8,93 5,95	4.43 4.21 3.42 3.70 3.90

Average Percentage Changes and Related Measures for Series Components-Continued

PART VI-NEW ORDERS

	P.	ART VI—NEW	ORDERS							
	Average	percentage c	hanges	Ratio of irregular	Number of months	1/C	Ave	rage dur	ation of	run
Category	Seasonally adjusted series (CI)	Irregular component	Cyclical component	component to cyclical component	for cyclical domi-	for MCD span	CI	I	С	MCD
422						-	 		-	
All manufacturing industries.	1.92	1,52	.98	1,55	2	.80	1.98	1,47	8,33	4,13
Durable goods industries. Lumber and wood products Household furniture. All other furniture Kitchen articles and pottery. Other stone, clay and glass products.	3,79 6,54 4,25 4,72 7,59 4,47	3.25 6.27 3.87 4.38 7.27 4.23	1.61 1.50 1.36 1.22 1.80 1.31	2,02 4,18 2,85 3,59 4,04 3,23	3 5 4 4 5 4	.59 .88 .71 .81 .81	1.67 1.67 1.98 1.67 2.36 1.58	1.54 1.47 1.67 1.71 2.12 1.47	8,33 7,35 10,42 8,93 9,62 8,33	4.56 3.18 4.69 4.21 9.31 3.49
Primary metals. Blast furnaces, steel mills. Monferrous metals. Iron and steel foundries Other primary metals.	7.28 13.20 5.65 5.82 8.83	5,96 11,76 5,34 5,05 7,79	3,68 4,63 1,98 2,46 3,50	1,62 2,54 2,70 2,05 2,23	2 3 3 3 3	.96 .88 .82 .66	2.36 2.22 1.81 1.74 1.76	1.87 1.80 1.67 1.64 1.62	6.58 8.24 9.62 9.62 8.33	3.10 3.23 2.73 5.35 4.92
Fabricated metal products. Cutlery, hand tools, hardware. Building meterfals and wire products. Other fabricated metal products.	5,55 8,33 6,49 6,51	5,32 8,25 6,18 6,21	1.42 1.66 1.46 1.87	3.75 4.97 4.23 3.32	4 5 4 4	.87 .91 .96 .82	1,52 1,56 1,56 1,56	1,36 1,56 1,45 1,49	7.81 8.93 6.94 7.81	3.30 4.32 2.98 3.39
Machinery, except electrical. Engines and turbines. Steam engines and turbines. Internal combustion engines.	4,20 10,82 17,76 12,38	3.97 10.32 17.42 12.05	1.34 2.14 3.66 2.42	2.96 4.82 4.76 4.98	3 6+ 5 6+	.96 (1) .98 (1)	1.71 1.76 1.67 1.58	1,58 1,54 1,54 1,58	11.36 9.62 6.58 8.33	3,00 3,64 3,90 3,75
Farm machinery and equipment. Construction, mining and material handling, Metalworking machinery, Machine tools, accessories, etc. Machine tools, accessories, etc. Machine though, machinery, General Industry machinery, Office and store machines, Service Industry machinery.	9.44 6.65 9.02 5.34 7.27 8.29 5.34 5.42 6.08	8.86 6.33 8.67 5.04 6.93 7.92 5.14 5.11 5.77	2.16 2.34 2.46 1.93 2.02 2.35 1.34 1.37 1.60	4.10 2.71 3.52 2.61 3.43 3.37 3.84 3.73 3.61	4 3 4 3 4 4 4 4	.97 .79 .88 .79 .78 .78 .92 .87	1.74 1.69 1.81 1.58 1.64 1.54 1.47 1.64	1.74 1.46 1.67 1.34 1.42 1.44 1.32 1.49	6.58 10.64 8.33 10.42 8.93 8.24 8.33 10.42 8.93	3.49 3.50 3.94 4.24 3.81 3.95 3.13 3.21 2.77
Electrical machinery, Electrical transmission and distribution equipment. Electrical industrial apparatus. Household appliances including radio and TV. Household appliances. Radio and TV.	7.48 10.11 10.95 7.90 8.49 11.19	7,26 9,68 10,40 7,62 8,08 10,77	1.99 2.03 2.72 2.12 2.13 2.96	3.65 4.77 3.82 3.59 3.79 3.64	4 6+ 4 4 4	.86 (1) .91 .84 .87	1.60 1.55 1.52 1.62 1.69 1.71	1.45 1.46 1.49 1.54 1.52 1.54	10.42 9.93 8.33 7.35 8.33 8.93	3.39 3.35 3.21 3.59 3.39 3.21
Communication equipment Electronic components Other electrical machinery	12,31 10,66 9,74	11.78 10.07 9.25	2,65 2,60 2,29	4.45 3.87 4.04	5 4 4	.76 .89 .98	1.60 1.63 1.65	1.52 1.45 1.47	7.52 8.47 8.06	2.91 2.87 2.85
Transportation equipment Motor vehicle parts Aircraft and parts Complete aircraft Aircraft parts	11,28 12,77 266,43 230,18 241,77	10,96 12,00 261,40 293,48 240,85	2.38 3.52 5.47 6.66 5.43	4,61 3,41 47,79 44,07 44,36	5 4 6+ 6+	.95 .84 (1) (1) (1)	1,52 1,71 1,52 1,42 1,60	1,42 1,45 1,49 1,44 1,51	6.94 8.24 6.58 5.97 5.96	3.36 3.21 2.93 2.24 2.25
Shipbuilding and railroad equipment	26.44 18.30	25.84 17.02	4.26 4.70	6.07 3.62	· 6+	(1) .98	1.52	1.39 1.54	6,25 7,81	2.50 3.21
Scientific and engineering instruments Ophthalmic goods, watches and clocks Photographic goods, watchesses Miscellameous personal goods. Other durable goods. Ordnance	12,24 13,35 13,28 5,07 5,18 14,12	11.75 12.93 12.95 4.93 4.66 13.79	2,24 2,53 2,33 1,18 1,84 3,11	5.25 5.11 5.56 4.18 2.53 4.43	6+ 6+ 5 3 6+	(1) (1) (1) •93 •80 (1)	1.49 1.81 1.49 1.74 1.71 1.62	1.39 1.62 1.44 1.49 1.37 1.44	6.94 6.94 5.95 8.33 9.62 6.58	2.86 4.62 3.33 2.95 3.51 3.24
Nonderable goods industries with unfilled orders. Brondoven fabrics Anisting wills. Floor covering mile. All other textiles. Flup and paperboard miles except building paper. Paperboard containers. Other paper products, except die cut paper ani	1.00 6.23 8.10 10.55 6.38 2.38 3.37	.85 5.88 7.66 10.26 6.07 2.24 3.23	.41 1.52 1.87 2.48 1.50 .69	2,07 3,87 4,10 4,14 4,05 3,25 4,25	3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	.70 .82 .85 .87 .89 .72	1.76 1.69 1.74 1.64 1.76 1.64 1.56	1,49 1,56 1,60 1,56 1,62 1,45 1,49	11,36 8,33 6,94 6,94 6,58 8,33 9,62	3.73 3.18 3.03 4.32 3.18 4.07 4.03
owner paper produces (except the day paper and Mesupapers, books and periodicals there publishing and printing. Leather, industrial products and out stock.	3,29 3,86 4,97 12,23 7,95	3.11 3.80 4.91 11.81 7.26	.82 .64 .85 1.79 1.85	3.79 5.94 5.78 6.60 3.92	4 6+ 6+ 6+ 5	.88 (1) (1) (1) (1)	1.69 1.49 1.58 1.84 2.05	1.52 1.45 1.47 1.69 1.76	7.81 6.94 12.50 5.43 8.93	3,49 2,50 2,55 3,43 2,75

See footnotes at end of table.

Average Percentage Changes and Related Measures for Series Components-Continued

	PA	RT VII—SHI	PMENTS							
	Average	percentage	changes	Ratio of irregular	Number of months		Aver	age dur	ation of	run
Category	Seasonally adjusted series (OI)	Irregular component (I)	Cyclical component (C)	component to cyclical component (1/C)	for cyclical domi- nance (MCD)	I/C for MCD span	CI	1	С	MCD
All manufacturing industries	1,35	.98	.75	1.31	2	.75	2,55	1.58	9.62	4.00
Durable goods industries	2.04	1,42	1,19	1.19	2	. 69	2,91	1.71	9,62	4.00
Wooden containers	4.24 3.77	3,82	1.53	2.50	3	.89	2.40 1.85	1.85	8,81	4.95 3.33
Household furniture	3,38 3,78	3.03	1,29	2.35	3	.81	2.03 1.83	1.55	10.28	4.36 3.73
All other furniture		3,45	1,28							
Stone, clay and glass products	2.99 6.20	2.80 5.95	.95 1.16	2.95 5.13	3 6+	.96 (1)	1,67	1,56	8.93 7.71	3.24 4.74
Kitchen articles and pottery	5,43	5,08	1.53	3,32	3	.91	2,64	2.43	10,28	7.04
Other stone, clay and glass products	3,12	2,79	1.16	2,41	3	.75	1.83	1,50	9,25	3,45
Primary metals	5,21 3,55	3.98 2.45	3.24 2.54	1.23 .96	2 1	.83	2.91	1.95 1.73	9,62	4.59 2.76
Nonferrous metals	3,45	2,73	1.87	1,46	2	.83	1.99	1,50	8.81	3,29
Iron and steel foundries	3.31 4.98	2.42	1.82	1.33	2 2	.75	2,28	1.64	10,28	3.91 4.38
Fabricated metal products	2,03	1.75	.81	2,16	3	.80	2,16	1,56	9,62	3,73
Metal cans, barrels and drums	5,97	5,45 4,20	1,97	2.77 3.75	4 4	.76	1.91 2.05	1.70	7.40 8.93	4.23 4.36
Cutlery, hand tools, hardware	4.41 2.94	2,81	1,12	3,39	4	.88	1.79	1,60	5,95	3,39
Other fabricated metal products	2,97	2,49	1,51	1,65	2	.88	2,08	1.55	9,25	3,35
Machinery, except electrical Engines and turbines	1.46 6.46	1.19 6.18	.90 1.84	1.32 3.36	2 4	.75 .92	1.95	1.74	12,50	4.00 3.81
Steam engines and turbines	11.43	10.53	2,87	3,67	4	.87	1,65	1.54	10.28	4.33
Internal combustion engines	6,60 5,31	5.99 4.78	2,23	2,69	4 4	.73	2.08	1.52	10.88	4,33
Farm machinery and equipment	3.78	3,08	1.82	1.69	2	.95	2,64	1,63	9.47	4.10
Metalworking machinery	6.15 3.47	5.41 2.96	2.67 1.67	2.03	3 2	.57	2.01	1.47	10,88	4.26 3.02
Machine shops	3.97	3,38	1,63	2.07	3	.65	1.81	1.48	8,41	4.82
Special industry machineryGeneral industrial machinery	5,23 3,66	4.96 3.41	1.45	3,42 2,69	4 3	.97	1.76	1.50	6,38	2.94 3.81
Office and store machines	3.08	2,80	1.08	2,59	3	.78	1.85	1.57	10,28	4,36
Service industry machinery	3.69 2.50	3.49 2.17	1.42	2.46	3	.83	1,67	1.43	8,81	4.36 4.92
Electrical transmission and distribution equipment	3,59	3,32	1.33	2,50	3	.87	1.81	1.54	10,28	3,66
Electrical industrial apparatus	3,70	3,33	1.44	2,31	3	.76	1,80	1,61	9,25	3,52
Household appliances including radio and TV	4.78 6.23	4.43 5.80	1.59 2.31	2.79	3	.75 .71	1.76	1,54	6.94 8.81	4.39
Household appliances	7.98	7.02	3,20	2.19	3	,67	1.83	1.55	9.25	3.81
Communication equipment	4,22	3,68	1.91	1.93	3	.72	2.15	1.67	9.74	4.69
Electronic components	4.38 3.66	3,81	2.04	1.87	3	.68	1.97	1.57	9.74	5.23 3.89
Transportation equipment	3,62	3,02	1,68	1.80	3	.74	2.19	1.58	9,62	3,97
Motor vehicle assembly operations	6,27	5,19	2,50	2,08	3	.76	2.03	1.61	9.25	3.16
Motor vehicle parts	4,27	3,57	2.11	1.69	2	.99	2,03	1,55	8.41	3,35
Aircraft and parts	3,91	3,69	1.11	3,32	4 3	.78	1.62	1.62	12.50	3,39 2,90
Complete aircraft	5,87 5,74	5,31 5,20	2.02 2.03	2.63	3	.80 .79	1.68	1.48	9.74 9.25	3.05
Shipbuilding and railroad equipment	6.71	6,17	2.41	2,56	3	.82	1.67	1,48	10,28	3,73
Other transportation equipment	7,59	7.08	2.71	2.61	3	.95	2.20	1,68	9,25	3,52
Instruments	1,97	1.72	.83	2.07	3	.64	1.98	1.58	11.36	3,97
Scientific and engineering	3,21	2,89	1.14	2,54	3	.78	1.85	1,57	9,25	4.36
Ophthalmic goods, watches and clocks	4.44	4.11	1.41	2.91	4	.84	2.08	1.91	9.74 9.74	7.00
Photographic goods, watchcases	4.41 3.67	4.18 3.40	1.15	3.63 2.86	3	.93 .98	1.76	1.55	8.81	3.45
Other durable goods	4.08 4.66	3,55 4,08	1.71	2.08	3	.70 .71	1.83	1.64	8.41	4.36 3.66
	7.00	1	2.02	2.02	1	• "	2.02	1	1	1

See footnotes at end of table.

Average Percentage Changes and Related Measures for Series Components-Continued PART VII. -- SHIPMENTS -- Continued

Average duration of run Average percentage changes Ratio of Number of irregular months T/C component Category Seasonally cyclical Cyclical MCD Irregular cyclical CI MCD ad justed comi mponent apan component nance series component (CI) (Î) $(\overline{1}/\overline{C})$ (MCD) 1,47 Nondurable goods industries..... 1.79 2.12 13.89 3.18 .85 .70 . 39 10.42 3,08 Food and related products..... 1.07 .33 3.24 3.63 2.46 .92 1.74 1.56 1.40 2,68 Meat products..... 3.09 2.94 1.82 3.56 .81 .87 1.71 1.54 1.48 1.75 8.81 6.38 4.07 3.55 3.98 3.03 2.00 Dairy products..... .78 .95 1.64 3,67 Beverages..... Fats and oils..... 6,61 3,24 1.11 2.62 1.85 1,54 . 59 All other foods..... Tobacco manufactures..... 2.19 . 50 4,38 .98 1.59 1 50 9.74 3.25 .92 .62 2.02 11.36 Textile mill products..... 1.99 1.78 1.93 1.91 1.92 2.10 9.25 4.58 Broadwoven fabrics..... 2.94 1.41 1.61 3.35 Knitting mills.... 1.67 2.35 .85 8.81 5.20 Floor covering mills..... 5.33 4.89 2.04 2.40 .76 3,89 1,31 2.08 1.89 1.68 8,81 All other textiles..... Apparel and related products..... 4.01 3,66 1.00 3,66 .88 1.91 1.73 5 61 3 42 1.00 .57 1.75 .86 2.02 8,33 3,76 Paper and sllied products..... 1.18 .85 2,40 1.64 8.33 9.74 10,28 3,54 1.61 .88 4.28 1.12 .65 1,64 2.03 Building paper..... 4,34 1.37 .79 1.78 1.54 9.74 4.07 Paperboard contsiners..... 3 2.44 2,38 2.26 10.88 5,90 Die cut paper and board. Other paper products except die cut paper and 2.64 3.28 1.38 .99 1,47 .77 2.43 1,71 9 74 4 28 1 84 3,39 3.04 18,50 .83 .99 1,85 3,10 emicsls.....
Industrial chemicals except pigments...... 1.02 .85 2.08 1,60 11.36 .64 .97 .74 .72 1.06 2,28 3.68 1.64 Paints and related products..... 1.32 2.73 1.76 1.99 2.34 1.51 8.93 9.25 8.04 3.51 4.58 Drugs, soap and toiletries..... 2,08 1,80 .89 3 Fertilizers
Other chemical products..... 2 84 1.87 2.23 8,81 2.88 11,36 .72 .91 1.87 3.73 Petroleum and coal products..... 60 2.35 Paving and roofing materials..... 4.04 2,09 2,01 10.88 3,66 Other petroleum products..... 1.64 .83 3,97 1.08 1.98 6.58 Rubber and plastics products, nec..... 2,80 2.34 Tires and tubes.
Other rubber and plastica products, nec...... 2.83 1.33 .80 1.76 3,66 3.30 2.34 6,17 1.62 3,29 3,19 Leather, industrial products and cut stock...... 3 58 1 03 .84 1.87 1.71

1.31

3 31

Other lesther products.....

Note: The measures for the various summary levels were developed from sggregations of the unadjusted data using the x-9 version of Census Method II for seasonal adjustment. These measures provide a close approximation to those which would be computed from the aggregation of the seasonally adjusted series.

Not computed when MCD is "6" or more.

Effectiveness of Divisional Reporting Program in Monthly Industry Survey, Shown by Employment for Selected Industry Groups, as of May 1963

		(In thousar	ds of emplo	yees)					
lishments	classified	Multi-i				ndustry	fied in c	ther indus	try survey
in indus	try aurvey		Employees in es-	Employees industry	classified survey cat	in other egories	ments in code	this indust	ry aurvey
Employees of all companies	Employees of multi- industry companies	Total manufac- turing employees	tablish- ments class- ified in industry survey category	Total	Employees in (E) selected for divi- sional reporting	Employees in (F) reporting on divi- sional basis	Total em- ployees in estab- lishments in indus- try survey category (B) - (D)	Employees in (H) selected for divi- sional reporting	Employees in (I) reporting on divi- sional basis
(A)	(B)	(c)	(D)	(E)	(F)	(G)	(H)	(1)	(J)
15,386	8,474	8,326	6,297	2,029	1,670	1,071	2,177	1,670	1,071
8,528	5,181	5,109	3,627	1,482	1,273	880	1,554	1,260	855
			-						11
347 251 96	91 60 31	75 49 26	65 44 21	10 5 5	5 4 1	0	26 16 10	18 10 8	10 6 4
554	292	282	224	58	44	23	68	44	32
1,096 511 290 182 113	873 499 211 90 73	867 583 192 60 32	670 461 143 41 25	197 122 49 19 7	147 88 42 15	106 84 12 10 0	203	145 47 49 35 14	98 29 37 25 7
1,058 54 1,004	484 51 433	420 93 327	279 45 234	141 48 93	97 46 51	71 43 28	205 6 199	159 5 154	110 2 108
1,347 96 109	777 84 75	726 72 85	486 35 58	240 37 27	184 33 25	131 25 21	291 49 17	256 47 15	188 44 14
199 162 121 100 560	130 79 111 59 239	109 74 156 53 177	80 53 100 33 127	29 21 56 20 50	11 8 54 12 41	6 4 53 7 15	50 26 11 26 112	47 21 7 23 96	31 13 6 12 68
1,121	829	855	589	266	250	201	240	21.3	147
486 635	374 455	333 522	274 315	59 207	55 195	33 168	100 140	90 123	61 86
1,557 577 765 215	1,176 509 543 124	1,416 732 600 84	969 470 437 62	447 262 163 22	441 260 160 21	278 193 69 16	207 39 106 62	179 34 92 53	137 20 67 50
296	210	209	153	56	55	39	. 57	44	26
571	298	151	109	42	35	18	189	181	96
6,858	3,293	3,217	2,670	547	397	191	623	410	216
1,699 311 294 206 888	806 157 144 65 440	782 170 146 70 396	687 145 132 62 348	95 25 14 8 48	56 19 10 5 22	33 16 9 2 6	119 12 12 3 92	38 7 6 2 23	22 1 5 1
84	70	74	69	5	3	1	1		0
902 213	502 68	503 65	442 49	61 16	46 7	10	60 19	37 12	11 1
		150	2.0			1			10
556	388	357	222	135	85	31	166	144	89
224 181 151	190 109 89	243 74 40	143 51 28	100 23 12	59 15 11	23 7 1	47 58 61	40 48 56	23 32 34
964	200							20	8
700 175	546 115	567 116	428 97	1.39 19	123 13	93 9	118 18	91 13	45 7 38
179 348 348	162 212 116	167 211 102	146 159 95	21 52 7	21 43 5	18 3 1	16 53 21	4 44 6	3 28 4
	lichmenter in induce category Employees of all companies (A) 15,386 8,528 981 1,291 966 121 1,004 1,005 1,	1	Employees in establishments classified in industry survey category Companies Compani	Paployees in setable listenses alesentised in industry curvey entegory Papeloyees of all companies Papeloyees of all com	Telegraph September Sept	Page Page	Employees	Employees In establishments classified in findustry survey categories Information Informatio	Septycone in establishments classified in industry caregory entegory Septycone caregory Septycone caregory

Source: Columns A, B, C, D - Bureau of the Census Enterprise Statistics: 1958, Part I.

Columns F and I - Basic data from 1958 Census of Manufactures Includes all multi-industry company

Columns F and I - Basic data from 1958 Census of Manufactures. Includes all multi-industry companies with more than 500 employees in total and with more than 250 employees in secondary activities.









Manufacturers' Shipments, Inventories, and Orders

HISTORICAL DATA FOR SELECTED SERIES

November 1964

SERIES: M3-1, Supplement 2

This report contains annual data for shipments and end-of-year inventories, and monthly data for the machinery and equipment industries series which were not published previously in the Bureau of the Census background report, M3-1, Manufacturers' Shipments, Inventories, and Orders; 1947-1963, Revised, In addition, data for several series that have been revised since the report was issued are also included.

Manufacturers' Shipments and Inventories

The first two tables of this report, show shipment and inventory data on an annual basis for a number of industry categories which do not meet publication standards on a monthly basis. In addition, yearly totals of shipment values are shown for those industry categories for which monthly data were presented in the background report mentioned above.

Table 1 presents shipments data on an annual basis for 1947 and 1949 to 1962 while table 2 shows inventory data for the end of years, 1953 to 1962. Annual levels are shown for all industry categories in the M3-1 survey, including those for which monthly estimates are not available. The data have also been aggregated to the 2-digit Standard Industrial Classification (SIC) totals and to summary levels (i.e., durable goods industries, nondurable goods industries, and total manufacturing).

In revising the monthly survey M3-1, Manufacturers' Shipments, Inventories, and Orders, it was necessary to establish consistent and comparable annual benchmark levels for shipments and inventories for the years prior to 1958. The census data which had originally been published for these earlier years were not comparable because of the major changes made in the 1957 SIC. Also, a number of conceptual changes had been introduced into the census statistical system from time to time. For example, the shipments data for Industry Group 331, "Steel Mills, Blast Furnaces," formerly included interplant transfer values for coke operations prior to 1954; inventry data had not been shown for Major Group 27,

"Printing and Publishing," for 1955 and earlier years; the value of resales was not included in the total shipments figure for intercensal years before 1958, etc., The detailed methodology used to convert the 1945 SIC to obtain annual benchmark levels that were comparable to the 1957 system is outlined in appendix C of the report, Manufacturers' Shipments, Inventories, and Orders: 1947-1963, Revised.

The composition of the monthly survey categories, in terms of the 4-digit SIC, is given in appendix B of the same report. Data for the 4-digit industries are available for 1958 and subsequent years from the census of manufactures and annual surveys of manufactures. This detailed information, however, is not available for earlier periods since the conversion was done only for the monthly survey categories which are primarily on a 3-digit basis.

Machinery and Equipment Series

Monthly data on the value of manufacturers' shipments, inventories, and orders for the machinery and equipment industries are published in the Current Industrial Reports series, M3-1, Manufacturers' Shipments, Inventories, and Orders, Comparable data for the 1953-1963 period are shown for the first time in table 3 of this supplement. This series includes the following industry categories: Machinery, except electrical (e cluding farm machinery and equipment and machine shops), electric machinery (excluding household appliances, communication equipment, and electronic components), shipbuilding and repairing, and railroad and street car equipment.

Revised Data

Tables 4 to 6 of this report present revised monthly data for manufacturers' shipments, new orders, and unfilled orders for the period 1947-1952 which supersede those published in the basic background report.

Manufacturers' new orders data for the supplementary series, "defense products," have been revised for 1947-1948 and are shown in table 7.

For sale by the Superintendent of Documents, U.S. Government Printing Office Washington, D.C., 20402 - Price 10 cents



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BUREAU OF THE CENSUS Richard M. Scammon, Director

Superintendent of Documents

DEC 28 1964

DEPOSITORY

	(mx mmx c	120 02 00 22	/					
Industry group	1962	1961	1960	1959	1958	1957	1956	1955
All manufacturing industries	399,327	369,823	370,136	362,663	327,170	344,541	333,183	317,246
Durable goods industries, total	205,955	185,927	190,085	186,630	162,759	182,667	176,712	168,583
Lumber and wood products	8,361	7,914	8,180	8,755	7,553	7,710	8,444	8,454
Furniture and fixtures, total	5,521 3,792	5,049 3,465	5,142 3,555	5,205 3,691	4,674 3,273 1,401	4,723 3,355 1,368	4,718 3,326	4,382 3,134
All other furniture	1,729	1,584	1,587	1,514	1,401 9,731	1,368 9,704	1,392 ! 9,573	1,248 8,854
Primary metals, total	33,966	31,615	32,474	32,633	27,524	35,207	36,643	33,316
Primary metals, total. Plast furnaces, steel mills Nonferrous metals. Other primary metals.	18,230 11,529 4,207	17,364 10,637 3,614	18,297 10,351 3,826	18,436 10,220 3,977	15,702 8,649 3,173	21,687 9,428 4,092	21,477 10,962 4,204	19,686 9,898 3,732
Fabricated metal products, total Metal cans, barrels and drums	22,298 2,420	20,786 2,354	20,781	20,954	19,206 2,103	20,147 2,006	19,196 1,948	17,568
and wire products	12,015 7,863	11,412 7,020	11,450 7,138	11,525 7,189	10,916 6,187	11,181 6,960	10,604 6,644	9,536 6,288
Machinery, except electrical, total	28,359 1,932	25,642 1,741	25,872 1,881	25,746 2,072	22,767	24,798 1,779	24,112 1,589	20,642
Farm machinery and equipment. Construction, mining and material handling	2,484 4,714	4,320	2,163 4,505	4.711	2,017 2,422 4,067	2,128 5,001	2,010 4,990	1,397 2,151 3,923
Metalworking machinery. Miscellaneous equipment.	2,106	1,909 5,315	1,922	1,722 5,452	1,599 4,432 2,429	2,341	5,070	1,934
Special industry machinery	3,368 2,452	3,071 2,307	3,056 2,365	2,742	2,049	2,128	2,503	2,113 1,798
Machinery, except electrical, total. Engines and turbines. Farm machinery and equipment. Construction, mining and material handling. Metalworking machinery. Miscellaneous equipment. Special industry machinery. Office and store machines. Service industry machinery.	2,576 2,500	2,356 2,282	2,230 2,314	1,941 2,335	1,685 2,067	1,728 2,140	1,416 2,126	1,235
Electrical machinery, total	27,573	24,591	23,556	22,516	19,189	20,027	19,518	17,835 1,840
Electrical transmission and distribution equipment.	2,719 3,033	2,577 2,830 5,545	2,558 2,930 5,436	2,559 2,884 5,656	2,278 2,438 4,992	2,561 3,000 5,262	2,237 2,972 5,657	2.349
Communication equipment.	6,126 7,073 3,867	6,009	5,203 3,199	4,299	3,691 2,246	3,355 2,166	2,973	5,564 2,636 1,972
Electrical transmission and distribution equipment. Electrical industrial apparatus. Household appliances, including radio and TV. Communication equipment. Electronic components. Other electrical machinery.	4,755	4,291	4,230	4,173	3,544	3,683	3,547	1,972 3,474
Transportation equipment, total. Motor vehicles and parts. Aircraft and parts. Other transportation equipment.	53,376 33,661	45,837 26,720	49,640 30,953 14,967	46,904 27,496 15,702	40,434 21,411 15,423	47,974 28,338	42,440 26,132 12,855	45,465 31,413 11,203
	3,891	3,555	3,720	3,706	3,600	28,338 15,564 4,072	3,453	2,849
Instruments and related products, total	6,638 4,329 2,309	6,018 3,857 2,161	5,919 3,788 2,131	5,491 3,516 1,975	4,666 2,897 1,769	4,603 2,776 1,827	4,280 2,524 1,756	3,888 2,258 1,630
Other durable goods	8,325	7,442	7,414	7,175	7,015	7,774	7,788	8,179
Nondurable goods industries, total	193,372	183,896	180,051	176,033	164,411	161,874	156,471	148,663
Food and kindred products, total	66,868 16,680	64,553 16,093	62,384 15,890 10,849	60,880 15,714 10,462	59,742 15,928	55,874 14,554	53,967 13,573	51,237 13,204
Dairy products Beverages	11,352	11,287	5,933	10,462 5,776 28,928	15,928 10,113 5,408	9,650 5,407	9,291 5,243	8,449 4,969
Other foods and related products Tobacco manufactures	32,401 4,533	31,026 4,488	29,712	28,928 4,048	28,293	26,263 3,578	25,860	24,615 3,348
Textile mill products, total	15,141	13,980	13,766	14.052	12,386	12,806	13,103	13,171 5,404 2,496
Textile mill products, total. Broad-woven fabrics. Knitting mills. Other textile goods.	5,749 3,082	5,304 2,931	5,410 2,783	5,533 2,847 5,672	4,903 2,569 4,914	5,022 2,577 5,207	5,307 2,557 5,239	2,496 5,271
Apparel	6,310 16,058	5,745 15,103	5,573	14,344	13,595	14,173	13,967	13,228
Paper and allied products, total	15,757 6,822	14,823 6,497	14,638 6,559	14,390 6,476 3,960	12,964	13,100	12,850	11,788
Paper and allied products, total. Pulp, paper, etc. Paperboard containers. Other paper and allied products.	4,400	4,119	4,021 4,058	2,924	5,773 3,588 3,603	5,895 4,029 3,178	5,956 3,929 2,985	5,457 3,648 2,683
Printing and publishing, total. Newspapers, books and periodicals. Other publishing and printing.	15,619 8,517 7,102	14,944 8,170 6,774	14,566 7,969 6,597	13,695 7,406 6,289	12,561 6,701 5,860	12,182 6,569 5,613	11,695 6,386 5,309	10,734 5,941 4,793
Chemicals and allied products, total	29,372 9,882	27,244 9,138	26,627 8,872	26,286 8,683	23,173 7,571	23,192 8,094	22,272 7,881	20,782
Oberical and allied products, total Industrial chemicals, except pigments. Paints and related products Drugs, scop and tolletries. Other chemical products.	2,665 7,883 8,942	7,388	7,096	2,617 6,853	6,356	2,303 5,818	2,283 5,381	2,220 4,878
Other chemical products Petroleum and coal products	17,197	8,138 16,831	8,053 16,797	8,133 16,259	6,950 15,627	6,977 16,371	6,727 15,557	6,561 14,186
Rubber and plastics products, n.e.c. total	8,516 2,884	7.744	7,688 2,844	7,667 2,947	6,600 2,578	6,612 2,613	6,462 2,602	6,395 2,658
Tires and tubes	5,632	2,723 5,021	4,844	4,720	4,022	3,999	3,860	3,757
Leather and leather products, total. Leather, industrial products, and cut stock Other leather products	4,311 1,107 3,204	4,186 1,100 3,086	4,233 1,160 3,073	4,412 1,272 3,140	3,896 1,066 2,830	3,986 1,123 2,863	3,190 1,151 2,039	3,794 1,138 2,656

	(Millions	of dollars)					
Industry group	1954	1953	1952	1951	1950	1949	1947
All manufacturing industries	280,223	297,874	270,969	260,422	223,437	193,104	186,000
Durable goods industries, total	141,922	160,026	136,062	125,795	106,023	86,001	80,199
Lumber and wood products	7,379	7,610	7,525	7,608	7,090	5,139	5,431
Furniture and fixtures, total	3,826 2,732	3,926 2,857	3,583 2,607	3,527 2,575	3,240 2,452	2,583 1,855	2,578 1,878
Household furniture	1,094	1,069	976	952	788	728	700
Stone, clay and glass products	7,445 23,836	7,352 30,510	6,902 25,107	6,820 26,190	5,837 19,863	4,675 16,307	3,956 15,676
Blast furnaces, steel mills. Nonferrous metals. Other primary metals.	13,189 7,669 2,978	18,216 8,288 4,006	13,569 7,867 3,671	15,023 7,383 3,784	10,881 6,223 2,759	9,525 4,626 2,156	8,487 4,861 2,328
Fabricated metal products, total	15,418 1,606	16,726 1,557	14,494 1,426	14,810 1,456	12,553 1,280	9,742 1,075	9,402 866
and wire products	8,573 5,239	8,770 6,399	7,728 5,340	7,858 5,496	6,957 4,296	5,448 3,219	5 , 223 3 , 313
Machinery, except electrical, total. Engines and turbines. Farm machinery and equipment. Construction, mining and material handling	18,793	21,258	20,146	17,740	13,301 881	11,790 831	12,014 828
Farm machinery and equipment.	1,371 2,026	1,612 2,319 3,899	1,511 2,482	1,151 2,623	2,106	2,052	1,613
Metalworking machinery	3,018 2,097		3,842 2,447	3,228 1,728	2,254 1,084	2,071 926	2,080 1,081
Construction, maining and material mandling Metabaroking machinery. Special industry machinery. General industrial machinery. Office and store machines. Service industry machinery.	3,807 2,066	4,479 2,098	3,952 2,163	1 2,297	2,292 1,765	1,784	1,880 1,754
Office and store machines	1,685	1,793 1,080	1,656 980	1,347 904	1,048 759	992 650	1,131 684
Service industry machinery Electrical machinery, total. Flantrical transmission and distribution equipment	1,647	1,472 18,339	1,113 15,848	1,051	1,112	9,345	963 9,555
Plantales Judgetales	1,870 2,226	2,027 2,665	1,699 2,573	1,486 2,211	1,140 1,532	1,043 1,316	955 1,422
Household appliances, including radio and TV	4,815	5,379	4,623	4,620 1,467	4,672	3,258 967	3,574 1,091
Household appliances, including radio and TV. Communication equipment. Electronic components Other electrical machinery.	1,766 2,926	2,775 2,281 3,212	1,778 2,858	1,290 3,022	1,245	746 2,015	490 2,023
Transportation equipment, total. Motor vehicles and parts. Aircraft and parts. Other transportation equipment.	37,173	40.342	31.367	27.276	25,383 20,431	21,006	16,202
Motor vehicles and parts	21,823 12,800	24,949 12,053	18,952 9,030	19,188 5,154 2,934	2,795	16,150 2,412 2,444	12,135 1,675
Other transportation equipment	2,550 3,575	3,340 3,760	3,405 3,529	2,934	2,157	1.969	2,392 1,992
Other instruments	2,077 1,498	2,162 1,598	2,135 1,394	1,691 1,219	1,352 1,089	1,043 926	978 1,014
Other durable goods	8,320	10,203	7,561	4,818	4,081	3,445	3 , 393
Nondurable goods industries, total	138,301	137,848	134,907	134,627	117,414	107,103	105,801
Food and kindred products, total Meat products	50,579 13,310	49,942 12,591	51,229 13,970	49,990 14,222	44,017 12,007	42,335 12,090	42,949 11,807
Meat products. Dairy products. Beverages.	13,310 8,357 4,652	12,591 8,906 5,0%	13,970 8,908 4,407	8,331 4,349	7,127 4,351	7,337 4,127	7,422 3,831
Other foods and related products	24,260	23,359	23,944	23,088	20,532	10,701	19,889
Total mild modusts total	3,371 11,620	3,415 13,154	3,274 13,038	3,213	3,111 12,905	2,978	2,641
Broad-woven fabrics	4,919 2,209	6,157 2,441	6,234 2,349	14,235 6,721 2,444	5,920 2,296	10,573 4,861 2,004	5,381 1,769
Textile mill products, total. Broad-woven fabrics. Kritting mills. Other textile goods.	4,492	4,556	4,455	5,070	4,689	3,708	3,863
Apparel	12,276	12,270	12,029 9,348	9.856	10,989 7,807	11,056 6,394	10,788
Paper and allied products, total	4,776	4,660 3,214	4,256 2,879	4,562 3,110	3,568 2,528	2,919	3,158 2,103
Other paper and allied products	3,306 2,389	2,554	2,213	2,104	1,711	1,435	1,372
Printing and publishing, total Newspapers, books and periodicals Other publishing and printing	10,453 5,495 4,958	9,425 5,351 4,074	8,858 5,064 3,794	8,465 4,820 3,645	7,586 4,411 3,175	7,273 4,246 3,027	6,446 3,573 2,873
	17,868 5,723	17,404	16,384 4,961	4.879	13,660 4,001	11,353 3,190	10,596 2,604
Paints and related products	1,995 4,521	5,456 2,029 4,271	1,846 4,216	1,933	1,691	3,190 1,416 3,157	1,639 3,152
Chemicals and allied products, total: Industrial chemicals, except pigments Paints and related products Drugs, soap and toiletries. Other chemical products	5,629	5,648	5,361	5,340	3,754 4,214	3,590	3,201
Petroleum and coal products	13,076° 5,047	12,610 5,428	11,909 5,189	11,558 5,255	9,294 4,405	8,478 3,240	7,480 3,461
Rubber and plastics products, n.e.c., total Tires and tubes Other rubber and plastics products, n.e.c	1,895 3,152	2,237	2,247	2,328 2,927	1,941 2,464	1,431	1,736 1,725
Leather and leather products, total	3,540 1,040	3,792 1,149	3,649		3,640 1,327	3,423 1,239	3,794 1,460
Leather, industrial products, and cut stock Other leather products	2,500	2,643	1,172 2,477	2,486	2,313	2,184	2,334

(Millions of dollars. Data as of December 31)

All membraturing industries.	Industry group	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953
Durable goods industries, total.	Industry group	1902	1901	1900	1979	1990	1971	1930	1900	1934	1999
Lumber and wood products	All manufacturing industries	57,419	54,776	53,512	52,497	50,013	51,878	50,728	45,225	41,831	44,214
Function of Extures, total	Durable goods industries, total	33,891	32,231	31,953	31,495	29,893	31,605	30,410	26,439	23,785	25,971
## Stomes ciny and giass products		1,268	,								
Schoen, clus and glass products.	Household furniture		467	471	475	449	446	460	632 437	556 388	398
Primary ortains, totals	All other furniture										
Blast furmaces, steels mills	Primary metals, total				5,389						
Section Sect	Blast furnaces, steel mills. Nonferrous metals. Other primary metals.	3,680 1,855 480	3,850 1,796 475	3,541 1,786 468	3,254 1,656	3,446 1,559 445	3,375 1,490 502	2,970 1,523 560	2,525	2,332	2,409 1,048 433
Bindware, fabricated structural metal products 2,009 2,145 1,155 1,156 1,070 1,175 1,1	Fabricated metal products, total	3,665. 332	3,644 345	3,603 327	3,609 347	3,530 379	3,766 343	3,513 364	3,028 320	2,593 278	2,843
Machinery, escept electrical, total.	Hardware, fabricated structural metal products,	1	2.143							1.515	1.684
Regime and turbines 246 350 400 401 407 334 354 367 377	Other fabricated metal products	1,234	1,156	1,151	1,158	1,071	1,132	1,093	952	800	889
Construction, mining and material handling 1,166 1,068 1,166 1,068 1,201 1,777 777 \$1 \$21 \$1 \$25 \$1.50 \$1.	Engines and turbines	442	399	430	486	467	5,968	396	342	317	374
Misselnmenus equipment	Construction mining and material handling	1,162	1,088	1,146	1,221	1,088	1,221	1,277	973	737	537 841
Special industry assemblery, 178 148 168 169 1	Metalworking machinery	950	860		879	770		759	. 659	558	643
Service industry machinery,	General industrial machinery	477	444	462	484	452	504	478	400	348	397
Electrical machinery, total	Office and store machines		732 479		566 475	528 427	546 467	320 424			
Electrical industrial apparatus	Electrical machinery, total	4,792	4,372	4,142	3,903	3,382	3,704	3,729	3,298	2,929	3,416
Communication equipment	Electrical industrial apparatus	572	550	538	554	487	540	635	519	436	505
Transportation equipment, total. 6,730 6,291 6,489 6,672 6,729 7,259 6,941 6,093 5,497 9,595 Motor vehicles and parts 2,442 2,195 2,207 2,332 1,922 2,139 2,173 2,221 1,600 1,935 0,447 7,305 3,495 3,795 0,495 3,095 3,095 3,495 3,	Communication equipment	1,349	1,198	1,006	879	760	825	619	550	525	551
## Attractive and parts	Other electrical machinery		637	562 620	626		590 ₅	379 570	529	303 449	412 489
Afterwart and parts	Transportation equipment, total	6,730	6,251	6,449	6,872	6,729	7,259	6,941		1 600	5,983
Instruments and related products, total.	Aircraft and parts	3,475	3,308	3,430	3,752	4,075	4,269	4,058	3,309	3,430	3,431
Scientific and engineering. 955 CPD 9003 T2P9 CPD 501 549 574 459 459 471 Other instruments. 1444 102 396 566 531 549 335 317 322 335 Cher durable goods. 1,1624 1,512 1,586 1,298 1,223 1,253 1,501 1,660 1,735 1,755 1	Instruments and related products, total	1,337	1,227	1,206	1,094	983	998	907	806		804
Other durable goods (1,00) (1,	Scientific and engineeringOther instruments	893			729			574 333		430 322	
Food and kindred products, total.		1,484	1,312	1,388	1,298	1,223	1,331		1,660	1,735	1,950
Mest products	Nondurable goods industries, total	23,528		21,559	,	,	20,273	20,318		18,046	
Dairy products. 429 456 432 402 373 3677 406 582 337 332 829 829 829 829 829 829 829 829 829 82	Food and kindred products, total	6,395	6,159 565	5,758 568	5,585 548	5,546	5,308	5,529 582	5,092 557	4,995 561	5,059 601
Other foods and related products. 4,124 5,955 2,766 3,587 3,486 3,341 3,489 3,116 3,032 2,950 2,056 2,057 2,058 2,950 2,165 2,218 2,218 2,202 2,202 2,103 2,058 2,105 2,058 2,	Dairy products	1.225	456	432	402	1.077	367	406	382	337	352 1,116
Textile mill products, total	Other foods and related products	4,154	3,935	3,706	3,557	3,496	3,341	3,429	3,116	3,032	2,990
Broad-woven fabrics											2.175
Other textile goods. 876 825 784 779 772 719 772 721 697 745 Apparel. 1,992 1,779 1,785 1,779 1,765 1,701 1,752 1,640 1,483 1,959 Paper and allied products, total. 1,660 1,660 1,945 1,515 1,493 1,459 1,379 1,188 1,099 1,006 Palparphager and allied products 1,660 1,460 1,475 1,479 1,479 1,479 1,479 1,479 Papertoand containers 504 477 449 441 440 441 440 441 440 441 440 4	Broad-woven fabrics	1,172	1,103	1,057	1,005	989	1,073	1,106	1,016	1,033	1,055
Paper and allied products, total	Other textile goods	876	825		770	772	719	772	721	697	
Pulp, paper, etc		, , , ,								,	
Other paper and allied products 492 467 445 441 400 408 564 513 528 276 Printing and publishing, total	Pulp, paper, etc	664	667	647	631	620	614	590	496	490	493
Newspapers books and periodicals 552 526 520 493 465 480 490 400 390 Other publishing and printing 764 775 747 723 705 680 649 589 600 510 Chemicals and allied products, total 3,665 3,463 3,373 3,286 2,999 3,070 2,927 2,672 2,528 2,578 Industrial chemicals, except pignents 1,096 1,070 1,044 976 979 958 682 757 703 711 Paints and related products 4,14 895 888 844 776 806 772 720 685 687 Other chemical products 1,169 1,101 1,087 1,018 912 934 977 875 886 847 Petroleum and coal products 1,235 1,761 1,708 1,708 1,708 1,701 1,701 Rubber and plastics products 1,235 1,966 1,046 1,028 288 994 912 853 730 758 Tires and tubes 1,245 1,450 1,450 1,450 1,450 1,450 Other rubber and plastics products 1,265 647 648 649 649 649 649 649 Other rubber and plastics products 725 647 663 648 556 555 555 571 649 422 429 Leather 1,004 1,004 1,008 1,008 1,004 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,008 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,004 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,004 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,004 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,008 1,008 1,008 1,008 1,008 1,008 Leather 1,004 1,004 1,008 1,	Other paper and allied products		475			400		364	313	282	276
Cher chemical products. 1,169 1,101 1,087 1,018 522 534 597 875 836 857 Petroleum and coal products . 1,825 1,761 1,708 1,744 1,675 1,883 1,671 1,480 1,430 1,443 Rubber and plastice products , n.e.c. , total. 1,135 1,096 1,046 1,028 928 934 912 835 730 758 Tires and tubes . 408 408 409 425 404 572 399 389 364 508 529 Other rubber and plastice products , n.e.c. 725 647 625 624 596 550 575 27 489 422 429 Lesther and Leather products , total. 779 773 559 595 586 530 528 559 516 499 520 Lesther ; industrial products , actal 189 190 190 191 202 217 187 194 186 192 202	Newspapers, books and periodicals	552	525	520	493	465	480	469	430	400	390
Cher chemical products. 1,169 1,101 1,087 1,018 522 534 597 875 836 857 Petroleum and coal products . 1,825 1,761 1,708 1,744 1,675 1,883 1,671 1,480 1,430 1,443 Rubber and plastice products , n.e.c. , total. 1,135 1,096 1,046 1,028 928 934 912 835 730 758 Tires and tubes . 408 408 409 425 404 572 399 389 364 508 529 Other rubber and plastice products , n.e.c. 725 647 625 624 596 550 575 27 489 422 429 Lesther and Leather products , total. 779 773 559 595 586 530 528 559 516 499 520 Lesther ; industrial products , actal 189 190 190 191 202 217 187 194 186 192 202	Chemicals and allied products, total	3,625		3,373	3,236	2,999	3,070	2,927	2,672	2,525	2,578
Cher chemical products. 1,169 1,101 1,087 1,018 522 534 597 875 836 857 Petroleum and coal products . 1,825 1,761 1,708 1,744 1,675 1,883 1,671 1,480 1,430 1,443 Rubber and plastice products , n.e.c. , total. 1,135 1,096 1,046 1,028 928 934 912 835 730 758 Tires and tubes . 408 408 409 425 404 572 399 389 364 508 529 Other rubber and plastice products , n.e.c. 725 647 625 624 596 550 575 27 489 422 429 Lesther and Leather products , total. 779 773 559 595 586 530 528 559 516 499 520 Lesther ; industrial products , actal 189 190 190 191 202 217 187 194 186 192 202	Paints and related products	414	397	384	398	362	372	346	322	301	307
Rubber and plastics products, n.e.c., total. 1,133 1,096 1,046 1,028 928 994 912 853 759 758 Tires and tubes. 408 409 423 404 572 359 385 364 308 329 Other rubber and plastics products, n.e.c. 725 647 663 624 596 595 527 489 422 429 Leather and Leather products, total. 579 373 559 586 530 528 595 516 499 520 Leather, industrial products, and out stock. 189 196 191 202 217 187 194 166 192 202	Other chemical products	1,169	1,101	1,087	1,018	912	934	957	875	836	867
Tires and tubes. 408 409 423 404 572 399 389 364 508 329 0ther rubber and plastics products, n.e.c. 725 647 663 624 556 555 527 439 422 429 Leather and Leather products, total. 579 579 575 586 550 586 595 516 499 520 Leather, industrial products, and cut stock. 159 196 191 202 217 187 194 166 192 202	•	1									
Leather, industrial products, and cut stock	Tires and tubes Other rubber and plastics products, n.e.c	408 725	409	423	404	372	399	385	364	308 422	329 429
	Leather and leather products, total	579 189				530 217	528 187	535 194	516 186		202
	Other leather products.				384				330	307	318

			(Mi	llions of	dollars)							
Category and year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
					s	EASONALLY	ADJUSTED					
Shipments: 1965. 1962. 1961. 1960. 1999.	3,071 2,956 2,751 2,868 2,603	3,115 3,015 2,733 2,807 2,672	3,150 3,086 2,711 2,861 2,704	3,160 3,119 2,727 2,895 2,727	3,184 3,175 2,735 2,921 2,791	3,215 3,149 2,764 2,897 2,797	3,292 3,157 2,747 2,974 2,912	3,252 3,180 2,876 2,774 2,815	3,272 3,095 2,901 2,845 2,883	3,295 3,079 2,930 2,801 2,865	3,258 3,084 2,939 2,764 2,828	3,362 3,043 3,002 2,792 2,884
1958. 1957. 1956. 1955. 1974.	2,611 2,897 2,359 2,088 2,275 2,481	2,516 2,964 2,389 2,185 2,193 2,501	2,511 2,858 2,424 2,220 2,107 2,451	2,422 2,835 2,613 2,190 2,065 2,511	2,384 2,800 2,644 2,245 2,027 2,475	2,462 2,787 2,759 2,277 2,007 2,357	2,374 2,743 2,711 2,214 2,086 2,400	2,457 2,834 2,719 2,281 1,999 2,271	2,469 2,768 2,708 2,341 2,006 2,275	2,456 2,790 2,813 2,332 1,922 2,318	2,534 2,748 2,914 2,354 1,991 2,236	2,513 2,604 2,973 2,402 2,052 2,188
New orders: 1963. 1962. 1961. 1960.	3,254 3,147 2,764 2,733 2,624	3,206 3,305 2,745 2,829 2,704	3,217 2,973 2,711 2,785 3,064	3,351 3,306 2,741 2,895 2,789	3,416 3,102 2,705 2,887 2,922	3,292 3,020 2,797 2,872 2,995	3,334 3,066 3,027 2,776 3,029	3,307 2,942 3,073 2,780 2,790	3,415 2,981 2,877 2,749 3,038	3,441 3,048 2,914 2,692 2,927	3,273 3,157 2,984 2,604 2,743	3,612 3,066 2,957 2,861 2,963
1958. 1957. 1956. 1955. 1954.	2,281 2,959 2,725 2,090 1,780 2,570	2,160 2,958 2,546 2,294 1,864 2,426	2,213 2,826 2,685 2,615 1,558 2,290	2,248 2,612 2,816 2,295 1,646 2,410	2,264 2,632 2,990 2,311 1,611 2,297	2,278 2,530 3,015 2,474 1,648 1,895	2,295 2,525 2,769 2,432 1,751 2,086	2,459 2,557 2,835 2,592 1,742 1,841	2,565 2,417 2,838 2,571 1,942 1,885	2,480 2,355 2,885 2,644 1,954 1,797	2,579 2,326 3,214 2,771 1,829 1,777	2,466 2,163 3,070 2,870 1,954 1,755
Unfilled orders: 1965. 1962. 1961. 1960. 1959.	9,963 10,005 9,408 10,006 8,995	10,008 10,243 9,377 10,006 9,033	10,153 10,136 9,409 9,899 9,351	10,304 10,261 9,412 9,883 9,411	10,488 10,183 9,398 9,829 9,495	10,482 9,966 9,375 9,763 9,661	10,549 9,900 9,643 9,589 9,765	10,650 9,712 9,853 9,606 9,754	10,754 9,614 9,840 9,502 9,869	10,931 9,602 9,855 9,419 9,958	10,928 9,735 9,928 9,315 9,942	11,186 9,828 9,843 9,394 10,038
1958. 1957. 1956. 1955. 1959. 1959.	10,043 13,171 11,018 7,820 10,854 14,841	9,744 13,207 11,208 7,926 10,513 14,707	9,389 13,127 11,459 8,272 9,948 14,591	9,215 12,944 11,715 8,389 9,508 14,475	9,059 12,753 12,037 8,434 9,113 14,345	8,923 12,502 12,333 8,682 8,735 13,869	8,794 12,286 12,437 8,955 8,487 13,504	8,794 12,010 12,523 9,233 8,223 13,050	8,846 11,657 12,665 9,465 8,153 12,691	8,888 11,264 12,769 9,775 8,141 12,194	8,994 10,822 13,011 10,173 7,940 11,819	8,975 10,384 13,136 10,676 7,808 11,327
Total inventoriea (end of month): 1963	8,173 7,602 7,400 7,640 6,795	8,192 7,639 7,324 7,737 6,829	8,195 7,722 7,262 7,811 6,875	8,211 7,789 7,237 7,833 6,991	8,213 7,845 7,240 7,795 7,077	8,245 7,840 7,241 7,808 7,186	8,317 7,891 7,273 7,754 7,270	8,365 7,937 7,286 7,763 7,304	8,343 7,987 7,343 7,751 7,303	8,395 8,038 7,417 7,659 7,356	8,485 8,066 7,498 7,642 7,327	8,539 8,098 7,543 7,543 7,496
1958. 1957. 1956. 1955. 1959.	7,521 7,254 5,905 5,053 5,574 6,016	7,423 7,338 6,028 5,062 5,541 5,984	7,299 7,384 6,189 5,060 5,476 5,965	7,151 7,424 6,348 5,090 5,404 5,940	7,037 7,502 6,483 5,105 5,347 5,901	6,936 7,532 6,622 5,161 5,281 5,894	6,858 7,593 6,707 5,241 5,225 5,913	6,813 7,598 6,786 5,387 5,133 5,886	6,731 7,653 6,921 5,495 5,051 5,893	6,755 7,643 7,063 5,595 5,040 5,883	6,720 7,667 7,115 5,701 5,043 5,805	6,768 7,640 7,175 5,843 5,033 5,745
					WITHOU	T SEASONA	L ADJUST	ENT ¹				
Shipments: 1963. 1962. 1961. 1960. 1959.	2,779 2,671 2,492 2,599 2,370	3,212 3,110 2,824 2,903 2,772	3,281 3,242 2,845 3,003 2,846	3,316 3,271 2,860 3,035 2,864	3,268 3,250 2,781 2,969 2,830	3,513 3,448 3,016 3,150 3,028	2,941 2,820 2,453 2,649 2,585	3,062 2,983 2,701 2,606 2,640	3,308 3,133 2,944 2,893 2,933	3,272 3,064 2,919 2,795 2,864	3,232 3,062 2,921 2,742 2,806	3,400 3,089 3,065 2,858 2,948
1958. 1997. 1956. 1955. 1954. 1955.	2,380 2,650 2,162 1,921 2,100 2,291	2,614 3,074 2,482 2,264 2,272 2,587	2,652 3,011 2,564 2,337 2,218 2,575	2,542 2,964 2,729 2,280 2,148 2,613	2,414 2,829 2,674 2,265 2,044 2,499	2,653 2,995 2,954 2,434 2,142 2,510	2,103 2,425 2,381 1,940 1,813 2,080	2,302 2,652 2,545 2,146 1,890 2,164	2,512 2,812 2,755 2,378 2,040 2,308	2,464 2,797 2,833 2,356 1,946 2,351	2,509 2,719 2,890 2,330 1,980 2,219	2,574 2,678 3,061 2,472 2,120 2,258
New orders: 1965. 1962. 1961. 1960.	2,956 2,863 2,526 2,522 2,407	3,418 3,527 2,917 2,998 2,859	3,509 3,219 2,965 3,000 3,252	3,477 3,403 2,851 2,995 2,890	3,377 3,083 2,670 2,835 2,847	3,536 3,271 3,048 3,141 3,313	3,048 2,804 2,775 2,552 2,787	3,129 2,779 2,902 2,619 2,616	3,356 2,962 2,866 2,736 3,012	3,359 2,982 2,853 2,630 2,859	3,180 3,140 2,925 2,548 2,698	3,569 3,046 2,944 2,913 2,996
1958	2,110 2,759 2,576 1,984 1,708 2,478	2,272 3,079 2,658 2,377 1,917 2,485	2,316 2,894 2,706 2,565 1,529 2,202	2,331 2,703 2,920 2,371 1,702 2,509	2,208 2,537 2,862 2,208 1,543 2,216	2,526 2,823 3,350 2,737 1,814 2,099	2,132 2,361 2,615 2,315 1,666 2,021	2,301 2,396 2,664 2,440 1,643 1,738	2,552 2,576 2,766 2,503 1,893 1,820	2,419 2,308 2,839 2,609 1,909 1,773	2,587 2,313 3,214 2,784 1,804 1,764	2,508 2,237 3,272 3,098 2,106 1,903

See footnote at end of table.

6
Table 3.--VALUE OF MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS, FOR MACHINERY AND EQUIPMENT INDUSTRIES: BY MONTHS, 1955-1965--Continued
(Millions of dollars)

Category and year	Jan.	Feb.	Merch	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
				WI	THOUT SEA	SONAL ADJ	USTMENT1 -	-Continue	d			
Unfilled orders:	9,837	10,029	10,256	10,415	10,524	10,546	10,656	10,723	10,772	10,859	10,812	10,981
1963.	9,881	10,263	10,240	10,368	10,195	10,014	9,998	9,786	9,624	9,538	9,624	9,655
1992.	9,288	9,376	9,502	9,496	9,381	9,413	9,735	9,943	9,868	9,800	9,804	9,683
1961.	9,990	10,078	10,074	10,039	9,900	9,890	9,791	9,802	9,646	9,481	9,287	9,344
1960.	9,011	9,090	9,502	9,526	9,541	9,779	9,989	9,965	10,042	10,041	9,938	9,991
1958	10,153	9,840	9,508	9,300	9,090	9,016	8,995	8,994	9,014	8,968	9,043	8,975
	13,380	13,388	13,271	13,012	12,709	12,544	12,477	12,215	11,789	11,285	10,885	10,435
	11,279	11,448	11,592	11,779	11,970	12,357	12,594	12,715	12,726	12,732	13,056	13,264
	8,042	8,146	8,383	8,471	8,414	8,714	9,086	9,390	9,513	9,764	10,218	10,856
	11,055	10,729	10,016	9,574	9,078	8,752	8,604	8,356	8,209	8,172	7,996	7,979
	15,078	14,986	14,606	14,503	14,222	13,813	13,751	13,328	12,844	12,255	11,810	11,444
Total inventories (end of month); 1905. 1962. 1901. 1960. 1959.	8,107	8,251	8,307	8,347	8,401	8,335	8,306	8,312	8,242	8,314	8,366	8,402
	7,541	7,694	7,830	7,919	8,022	7,927	7,882	7,877	7,884	7,951	7,950	7,965
	7,339	7,377	7,363	7,355	7,398	7,333	7,275	7,237	7,246	7,326	7,392	7,418
	7,575	7,790	7,923	7,953	7,948	7,921	7,765	7,720	7,643	7,548	7,535	7,416
	6,740	6,867	6,959	7,977	7,202	7,302	7,299	7,268	7,200	7,240	7,227	7,378
1958.	7,468,	7,450	7,372	7,224	7,151	7,039	6,877	6,766	6,646	6,657	6,654	6,677
1957.	7,213,	7,356	7,440	7,491	7,613	7,630	7,601	7,534	7,573	7,556	7,626	7,556
1956.	5,876,	6,035	6,228	6,407	6,574	6,701	6,689	6,723	6,866	7,005	7,099	7,107
1955.	5,038,	5,075	5,093	5,139	5,166	5,209	5,214	5,345	5,459	5,559	5,696	5,7%
1954.	5,563,	5,570	5,520	5,468	5,409	5,317	5,194	5,092	5,011	5,011	5,038	4,999
1959.	6,024	6,038	6,029	6,016	5,973	5,917	5,868	5,832	5,855	5,842	5,786	5,716

¹Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories are as of end of month.

Table 4.--VALUE OF MANUFACTURERS' SHIPMENTS, BY INDUSTRY GROUPS, BY MONTHS: 1947-1952

			(Seasons	ally adju	sted, re	vised)							
Type of industry	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1952													
All manufacturing industries, total	21,717	21,879	21,909	22,042	22,069	21,506	20,972	22,190	23,422	24,122	24,017	24,344	270,189
Durable goods industries Nondurable goods industries	10,557 11,160	10,854 11,025	10,927 10,982	10,975 11,067	11,181 10,888	10,348 11,158	9,790 11,182	11,011 11,179				12,850 11,494	
1951										,			
All manufacturing industries, total	22,009	21,930	22,227	21,637	21,989	21,861	21,171	21,435	21,375	21,733	21,743	21,464	260,574
Durable goods industries Nondurable goods industries	10,346 11,663	10,398 11,532	10,966 11,261		10,758 11,231	10,575 11,286	10,064	10,330 11,105		10,637 11,096	10,669 11,074	10,362	
1950													
All manufacturing industries, total	15,765	16,221	16,462	16,820	17,688	18,430	19,775	20,906	20,169	20,161	19,909	21,418	223,724
Durable goods industries Nondurable goods industries	7,124 8,641	7,268 8,953	7,541 8,921	7,777 9,043	8,464 9,224	8,943 9,487	9,341 10,434	10,037 10,869	9,797 10,372	9,888 10,273	9,676 10,233	10,395 11,023	
1949													
All manufacturing industries, total	17,298	16,952	16,627	16,352	15,775	15,954	15,781	16,251	16,448	15,317	15,401	15,380	193,536
Durable goods industries Nondurable goods industries	8,158 9,140	7,911 9,041	7,672 8,955	7,395 8,957	7,014 8,761	7,147 8,807	6,975 8,806	7,195 9,056	7,310 9,138	6,286 9,031	6,619 8,782	6,655 8,725	
1948													
All manufacturing industries, total	16,739	16,610	16,737	16,943	17,111	17,526	17,792	17,799	17,974	17,690	17,484	17,408	207,813
Durable goods industries Nondurable goods industries	6,986 9,753	7,095 9,515			7,449 9,662	7,722 9,804	7,814 9,978	7,814 9,985	7,996 9,978	7,814 9,876	7,814 9,670	7,814 9,594	
1947													
All manufacturing industries, total	14,172	14,510	14,788	14,955	15,192	15,225	15,395	15,319		16,565		17,112	
Durable goods industries Nondurable goods industries	5,985 8,187	6,082 8,428			6,568 8,624	6,507 8,718		6,616 8,703	6,983 8,962	7,278 9,287	7,431 9,540	7,671 9,441	

Table 5.--VALUE OF MANUFACTURERS' NEW CRDERS, BY INDUSTRY GROUP; BY MONTHS, 1947-1952 (Millions of dollars. Seasonally adjusted)

Type of industry	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1952													
All manufacturing industries, total	22,015	22,164	23,500	23,747	22,039	24,168	23,332	22,658	23,934	23,697	23,236	24,518	279,008
Durable goods industries Nondurable goods industries	11,058 10,957	11,061 11,103	12,810 10,690	12,941 10,806	10,858 11,181	12,999 11,169	12,040 11,292		12,660 11,274		11,947 11,289	12,889 11,629	144,878 134,130
1951													
All manufacturing industries, total	27,759	26,115	- /	24,481	24,225	23,413	23,316	21,800	21,672	22,795	22,553	22,357	286,307
Durable goods industries Nondurable goods industries	15,457 12,302	14,084 12,031		13,836 10,645	13,253	12,877 10,536	12,611 10,705				11,547 11,006	11,180	153,630 132,677
1950													
All manufacturing industries, total	16,281	16,821	16,564	17,158	18,929	19,059	22,849	25,070	22,288	22,213	21,070	23,099	241,401
Durable goods industries Nondurable goods industries	7,561 8,720	7,616 9,205	7,858 8,706	8,348 8,810	9,232 9,697	9,393 9,666	11,524		11,793 10,495		10,951	11,875	122,369 119,032
1949												· ·	
All manufacturing industries, total	16,301	15,988	15,529	15,015	14,905	14,323	14,907	16,185	16,629	15,662	15,848	15,576	186,868
Durable goods industries Nondurable goods industries	7,138 9,163	7,081 8,907	6,668 8,861	6,161 8,854	6,022 8,883	5,752 8,571	5,928 8,979	6,853 9,332	6,919 9,710	6,774 8,888	7,116 8,732	6,997 8,579	79,409 107,459
1948													
All manufacturing industries, total	17,104	16,930	17,150	17,422	17,636	18,564	18,549	18,603	18,270	17,995	17,565	17,207	212,995
Durable goods industries Nondurable goods industries	7,462 9,642	7,498 9,432	7,823 9,327	8,002 9,420	8,063 9,573	8,847 9,717	8,852 9,697	8,924 9,679	8,380 9,890	8,342 9,653	7,946 9,619	7,719 9,488	97,858 115,137
1947									- 1				
All manufacturing industries, total	14,094	14,368	14,691	14,450	14,755	14,720	14,573	14,765	15,965	16,306	16,906	17,174	182,767
Durable goods industries Nondurable goods industries	5,659 8,435	5,978 8,390	5,905 8,786	5,894 8,556	6,211 8,544	5,917 8,803	5,948 8,625	6,193 8,572	6,834 9,131	6,991 9,315	7,364 9,542	7,721 9,453	76,615 106,152

Table 6.--VALUE OF MANUFACTURERS' UNFILLED ORDERS, BY INDUSTRY GROUP: BY MONTHS, 1947-1952

(Millions of dollars. Seasonally adjusted) Type of industry Jan. Feb. March April May June July August Sept. Oct. Nov. Dec. 1952 67,447 69,481 71,874 74,681 All manufacturing industries, total 71,507 76,322 76,773 77,237 76,683 75,992 75,857 Durable goods industries..... 63,987 65,953 68,132 68,341 71,064 72,866 72,680 63,981 74,366 3,456 Nondurable goods industries..... All manufacturing industries, total 51,372 55,402 58,504 62,459 64,185 64,483 64,769 65,737 66,511 67,266 63,394 Durable goods industries..... 40,842 44,560 48,467 51,774 54,197 6,532 59,042 60,008 60,811 62,134 62,945 56,795 Nondurable goods industries..... 1950 All manufacturing industries, total 26,685 34,724 36,931 38,830 39,879 41,456 20,204 20,564 21,428 Durable goods industries..... 22,628 24,960 31,057 33,027 Nondurable goods industries..... 1949 All manufacturing industries, total 28,645 26,451 25,404 23,891 23,240 23,323 23,500 23,904 24,045 25,627 Durable goods industries..... 23,818 20,180 19,622 24,776 3,869 22,520 18,930 Nondurable goods industries..... 3,943 1948 All manufacturing industries, total 33,961 33,386 32,955 33,580 32,992 32,345 30,736 27,812 27,825 27,486 5,469 28,220 28,086 27,480 Durable goods industries..... 27,956 28,528 26,619 Nondurable goods industries..... 1947 All manufacturing industries, total 37,292 37,242 37,067 36,736 36,279 34,662 34,813 34,411 34,411 34,473 31,663 5,629 31,827 5,650 31,493 5,749 31,074 30,720 30,318 5,961 29,557 28,579 Durable goods industries..... Nondurable goods industries.....

Table 7 .-- VALUE OF MANUFACTURERS' NEW ORDERS FOR DEFENSE PRODUCTS, BY MONTHS: 1953 AND 1954

(Millions of dollars. Seasonally adjusted - revised)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
1953 1954	2,169 1,513		, , ,			2,037 1,082			827 1,852	1,540	1,089	1,426 1,206

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